



HALAL WATCH WORLD

THE **GOLD** STANDARD



DOCUMENT SUBMISSION REPORT

ND Labs

Table of Contents

CERTIFICATION CONSIDERATIONS	6
1. Is the product/ingredient Halal Aslan (by default)?.....	6
2. Is the product/ingredient Halal certified via another organization?	6
3. What is the Risk Assessment of the Facility?	6
HiRF: High Risk Facility.....	7
MeRF: Medium Risk Facility	7
LoRF: Low Risk Facility.....	7
4. Are there any contents in the product that contain impermissible ingredients?	7
Client Details: ND Labs.....	8
FACILITY PROFILE.....	8
PRODUCT INFORMATION	9
PRODUCT PROFILE.....	10
Cran-B-Pac.....	10
PRODUCT PROFILE.....	13
LPS Honey Vanilla.....	13
PRODUCT PROFILE.....	15
Liquid Fiber Flow	15
PRODUCT PROFILE.....	17
Rejoice Plus	17
PRODUCT PROFILE.....	20
LPS Critical Care Peach Mango.....	20
PRODUCT PROFILE.....	23
PRODUCT PROFILE.....	26
PRODUCT PROFILE.....	28

PRODUCT PROFILE.....	31
PRODUCT PROFILE.....	33
PRODUCT PROFILE.....	36
PRODUCT PROFILE.....	38
PRODUCT PROFILE.....	40
CLEANING METHOD.....	42
PRODUCT & SUPPLIER ASSESSMENT	43
Mbi Nutraceuticals	43
PT Unilever Olechemical Indonesia (Vivion)	43
Yantai Taroke Bio-Engineering Co, Ltd. (GWI)	43
Yongsan Chemicals, Inc. (Vivion)	43
Amco Proteins (Vivion)	44
Shandong Kunda Biotechnology Co, Ltd. (Vivion)	44
Techno (Fujian) Food Ingredients Co., Ltd (Vivion).....	44
Jia Herb	44
Kerry Inc	44
ACRC - American Color Research Center Inc.	45
Marshall's Flavor House	45
Custom Flavors	45
Edgar A. Weber	46
Monarch Nutraceuticals	46
Ningxia Qiyuan Pharmaceutical Co. (GWI)	46
Zhejiang Tianyi Food Additives Co., Ltd	47
Danisco USA inc	47
Morton Salt Inc. (Vivion)	47
Tianjin Dongda Chemical Group (Vivion)	47
Itrique Belge (Vivion)	47
Shandong Sanyuan Biotechnology Co. (Vivion)	47
Beneo (Vivion)	48

Shine Star (Hubei) Biological Engineering Co., Ltd	48
International Flavors and Fragrances, Inc. (IFF)	48
JingJing Pharmaceutical Co., Ltd (GWI)	48
Jungbunzlauer (Vivion)	48
Artemis International, Inc.....	48
TESTING METHOD	49
DOCUMENTATION	50
CONCLUSION.....	51

COMPANY BACKGROUND

Halal Watch World LLC is a halal certification limited liability corporation based in the state of New York, and has operated in the certification industry since 1990. HWW is an organization that stands upon the trust of the Muslim public, and believes that it is imperative that their trust never be jeopardized. We maintain standards to the highest degree of scrutiny and perform regular audits for the protection of our constituents.

Halal Watch World understands that halal certification is a communal obligation (فرض كفاية), meaning, at least one person of the community must uphold it. If no one takes up this responsibility, the entire community bears a burden of sin. Therefore, we must be extra diligent with this effort. We realize the seriousness of the matter and understand the dire consequences of not filling this duty to the fullest capacity. God explains this to us in the Holy Quran by His statement:

“ And say not concerning that which your tongue says falsely: 'This is Halal and this is Haram,' so as to invent lies against Allah. Verily, those who invent lies against Allah will never prosper...A passing brief enjoyment (will be theirs), but they will have a painful torment.”

[Al Quran] 16:116-117

HWW ensures to the best of its ability a high level of authenticity is upheld. This allows them to gain the trust of the Muslim community, and garner strong relationships with companies who produce, process, and distribute halal products at all levels. By this, they are able to offer halal producing company's guidance and consultation on the direction of their processes and products, while ensuring that Islamic dietary standards are always maintained and monitored. Muslims can use this information in order to make well informed decisions about what they choose to eat.

Legal Filings: Halal Watch World holds registered trademark number 4728733, and Department of State (New York) number 4814343. Halal Watch World is also a registered halal certifying organization with The Department of Agriculture and Markets of New York State (See supporting documentation).

We begin in the name of God SWT



CERTIFICATION CONSIDERATIONS

There are 4 main factors taken into consideration when determining the halal status of a product:

1. Is the product/ingredient Halal Aslan (by default)?

If the product is Halal by default, then there will be no ingredient investigation conducted. An audit of the HPF (Halal Product Facility), facility related documents and product identification documentation will however, still be required.

2. Is the product/ingredient Halal certified via another organization?

If another organization certifies the product as Halal, then it is incumbent upon us to perform a *tahqeeq* (verification) certification of the establishment. We must be able to ascertain that the certifying body is competent and capable of determining the status of such products. In the event that we are unable to gain this information, our organization must inspect the location of production before certifying.

3. What is the Risk Assessment of the Facility?

Each HPF (Halal Product Facility) must be assessed and assigned an appropriate level of risk. Each facility is graded according to assessed risk. As risk increases, guidelines, restrictions, and measures become more stringent. Risk is determined according to the products present in the facility, product and process management, and the equipment utilized for processing. Any product/s made with or derived from the items mentioned below would be considered Haram:

1. Human derived ingredients
2. Pork
3. Donkey (excluding the Onager)
4. Animals with fangs or talons (Carnivorous)
(Excluding Hyena and Fox according to school of thought)
5. Animals not slaughtered according to Islamic ritual rites
6. Carrion
7. All forms of filth (Najjis) i.e. Urine, Excrement, Blood, Pus, Vomit, etc
8. Insects (other than locusts)
9. Animals fed with more than 50% of any of the above without being fed on a pure diet for a stipulated number of days (The Jallaalah)
10. Any intoxicants
11. Anything toxic or harmful to the body (such

as cigarettes)

12. Anything processed, made, produced, manufactured, and/or stored using utensils, equipment, and/or machinery in contact with any of the above that have not been cleansed according to standards which remove contaminants.

HiRF: High Risk Facility

Any facility that utilizes item/s listed above or a derivative thereof within the HPF and processes both halal and haram products using indifferent tools, machinery, or utensils. Thus, HiRF's by nature involve contaminants in some way in its processing.

MeRF: Medium Risk Facility

Any facility that processes both halal and haram products using segregated tools, machinery, or utensils to the exclusion of items listed above. Facilities that process any of these items, even if segregation methods are employed, are to be deemed HiRF's.

LoRF: Low Risk Facility

Any facility that does not process haram products on or inside of the premises.

As mentioned earlier, in relation to each risk level there are guidelines, restrictions and measures in place for the avoidance of contamination. Before any facility or any product made in said facility can be considered Halal suitable or certified Halal, these guidelines will have to be strictly adhered to.

Regarding contamination, products cannot be cooked upon or within the same utensils without proper cleansing. This means that any liquid substance that interacts with non-halal products becomes contaminated. This includes oil, and other wet cooking surfaces. Thus, if a vat of oil is used to cook non-halal products (which is considered as filth), it cannot be used to cook Halal products without contaminating it.

4. Are there any contents in the product that contain impermissible ingredients?

We refer to the list of impermissible consumables on the previous pages. If the product under audit is found to contain any of the ingredients on the ban list, these products cannot be considered as halal, unless said ingredients are replaced with halal suitable alternatives.

Client Details: ND Labs

FACILITY PROFILE

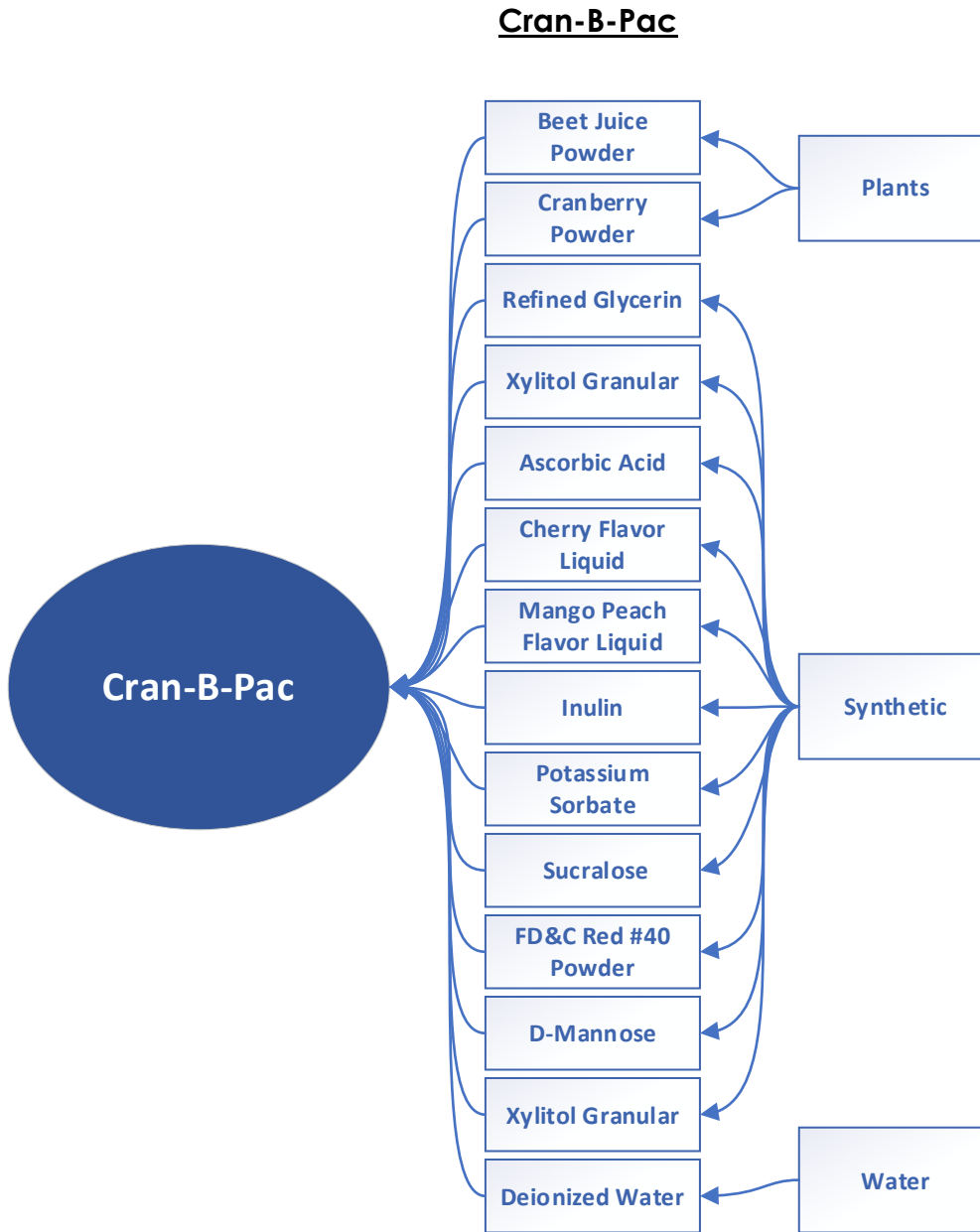
ND Labs Inc. dba Nutritional Designs was formed in 1986 with a mission to join nutritional concepts with pharmaceutical principles.

Client Details	
GENERAL INFORMATION	
Product Type:	Nutraceutical
Total Number of Products:	13
Total Number of Ingredients:	50
SUPPLIER OVERVIEW	
Supplier1:	Edgar A. Weber
Supplier2:	Danisco USA inc
Supplier3:	International Flavors and Fragrances, Inc. (IFF)
Supplier4:	Suheung America (GelTech)
Supplier5:	MBi Nutraceuticals
Supplier6:	PT Unilever Olechemical Indonesia (Vivion)
Supplier7:	Yantai Taroke Bio-Engineering Co, Ltd. (GWI)
Supplier9:	Wongsan Chemicals, Inc. (Vivion)
Supplier10:	Amco Proteins (Vivion)
Supplier11:	Shandong Kunda Biotechnology Co, Ltd. (Vivion)
Supplier12:	Techno (Fujian) Food Ingredients Co., Ltd (Vivion)
Supplier13:	ACRC - American Color Research Center Inc.☐
Supplier14:	Custom Flavors
Supplier15:	Berry Inc.
Supplier16:	Ma Herb
Supplier17:	Shine Star (Hubei) Biological Engineering Co., Ltd
Supplier18:	Monarch Nutraceuticals
Supplier19:	Marshall's Flavor House
Supplier20:	Ningxia Qiyuan Pharmaceutical Co.(GWI)
Supplier21:	Zhejiang Tianyi Food Additives Co., Ltd
Supplier22:	Beneo (Vivion)
Supplier23:	JingJing Pharmaceutical Co., Ltd (GWI)☐
Supplier24:	Jungbunzlauer (Vivion)
Supplier25:	Morton Salt Inc. (Vivion)
Supplier26:	Pure Assay Ingredients
Supplier27:	Tianjin Dongda Chemical Group (Vivion)
Supplier28:	Itrique Belge (Vivion)
Supplier29:	Artemis International, Inc.
Supplier30:	Shandong Sanyuan Biotechnology Co. (Vivion)

PRODUCT INFORMATION

Product name	Client product #	HWW Product ID
Cran-B-Pac	UTISTAT1	MR217_NU783
LPS Honey Vanilla	LPSHV	MR217_NU782
Liquid Fiber Flow	FIBRLIQ	MR217_NU781
Rejoice Plus	REJOICM5	MR217_NU780
LPS Critical Care Peach Mango	PSCCMNG	MR217_RM779
LPS Critical Care Cherry	LPSCCCND	MR217_RM778
LPS Orange	LPSO	MR217_NU777
LPS Critical Care Honey Vanilla	LPSCCHV1	MR217_NU776
LPS Watermelon	LPSW	MR217_NU755
LPS Grape	LPSG	MR217_NU754
LPS Peach Mango	LPSP	MR217_NU753
LPS Cherry	LPSCND	MR217_NU752
LPS NEUTRAL	LPSU	MR217_NU751

PRODUCT PROFILE



Cran-B-Pac

N/A.

Ingredient Status

Beet Juice Powder: – **Halal** (Shartan) [Beet powder, also called beetroot powder, is a similarly bright pink or red product made from dried, ground beets. Beet powder is often advertised as a superfood and sold by natural food retailers.]

Cranberry Powder: – **Halal** (Shartan) [Cranberry powder delivers the nutritional benefits of cranberries in an easy form.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

Xylitol Granular: – **Halal** (Shartan) [Xylitol is a sugar alcohol used for sweetening confections and other food products. It has no calories, making it a useful sweetener for diet foods.]

Ascorbic Acid: – **Halal** (Shartan) [Vitamin C is a water-soluble vitamin found in citrus and other fruits and vegetables, also sold as a dietary supplement and as a topical "serum" ingredient to treat melasma and wrinkles on the face. It is used to prevent and treat scurvy.]

Cherry Flavor Liquid: – **Halal** (Shartan) [Liquid Flavor.]

Mango Peach Flavor Liquid: – **Halal** (Shartan) [Liquid Flavor.]

Inulin: – **Halal** (Shartan) [Potassium sorbate is a chemical additive. It's widely used as a preservative in foods, drinks, and personal care products. It is an odorless and tasteless salt synthetically produced from sorbic acid and potassium hydroxide.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

FD&C Red #40 Powder: – **Halal** (Shartan) [Red no. 40 is a synthetic dye that's used in a variety of foods. It's one of nine synthetic dyes that the U.S. Food and Drug Administration (FDA) has approved for human consumption. It's also currently approved by the European Food and Safety Authority (EFSA).]

D-Mannose: – **Halal** (Shartan) [Mannose is a sugar monomer of the aldohexose series of carbohydrates. It is a C-2 epimer of glucose. Mannose is important in human metabolism, especially in the glycosylation of certain proteins.]

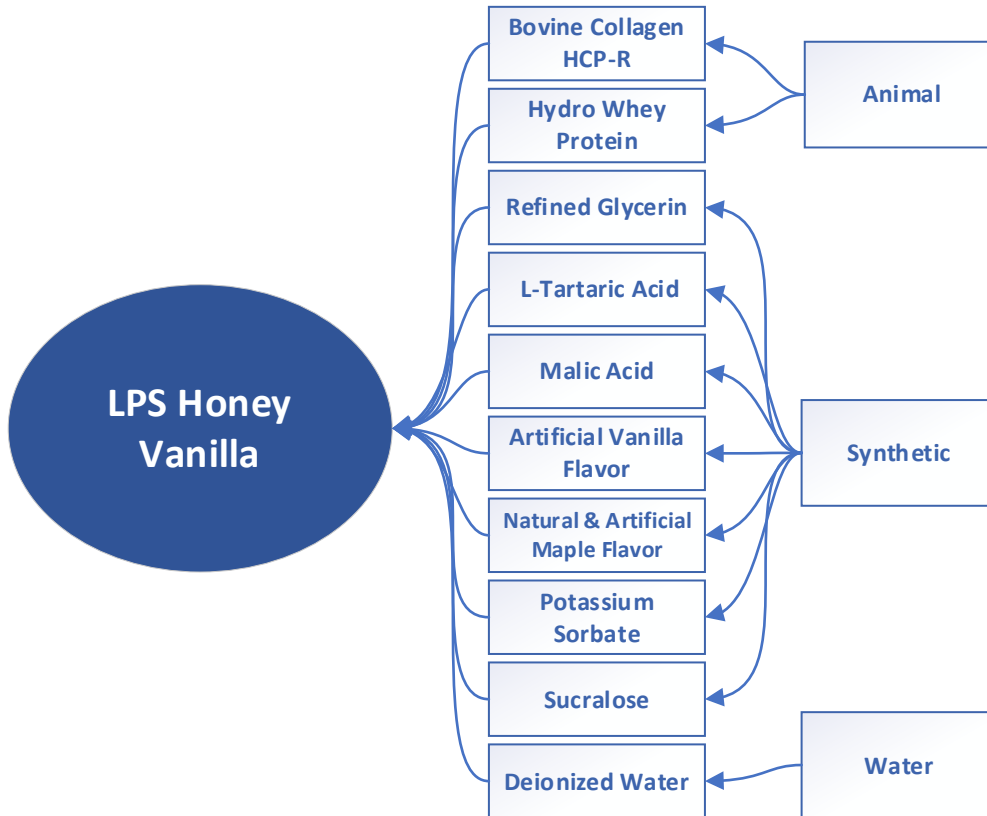
Xylitol Granular: – **Halal** (Shartan) [Xylitol is a sugar alcohol used for sweetening confections and other food products. It has no calories, making it a useful sweetener for diet foods.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE

LPS Honey Vanilla



LPS Honey Vanilla

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

L-Tartaric Acid: – **Halal** (Shartan) [L-tartaric acid is a tartaric acid. It is a conjugate acid of a L-tartrate(1-). It is an enantiomer of a D-tartaric acid. ChEBI. Tartaric acid is a

white crystalline organic acid that occurs naturally in many plants, most notably in grapes.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Ascorbic Acid: – **Halal** (Shartan) [Vitamin C is a water-soluble vitamin found in citrus and other fruits and vegetables, also sold as a dietary supplement and as a topical "serum" ingredient to treat melasma and wrinkles on the face. It is used to prevent and treat scurvy.]

Artificial Vanilla Flavor: – **Halal** (Shartan) [Imitation vanilla is made from vanillin (the primary flavor component of vanilla). Vanillin is manufactured from a substance called guaiacol. Most of the world's guaiacol supply comes from petroleum. The vanillin is diluted with a liquid, typically alcohol or propylene glycol.]

Natural & Artificial Maple Flavor: – **Halal** (Shartan) [Liquid Flavor.]

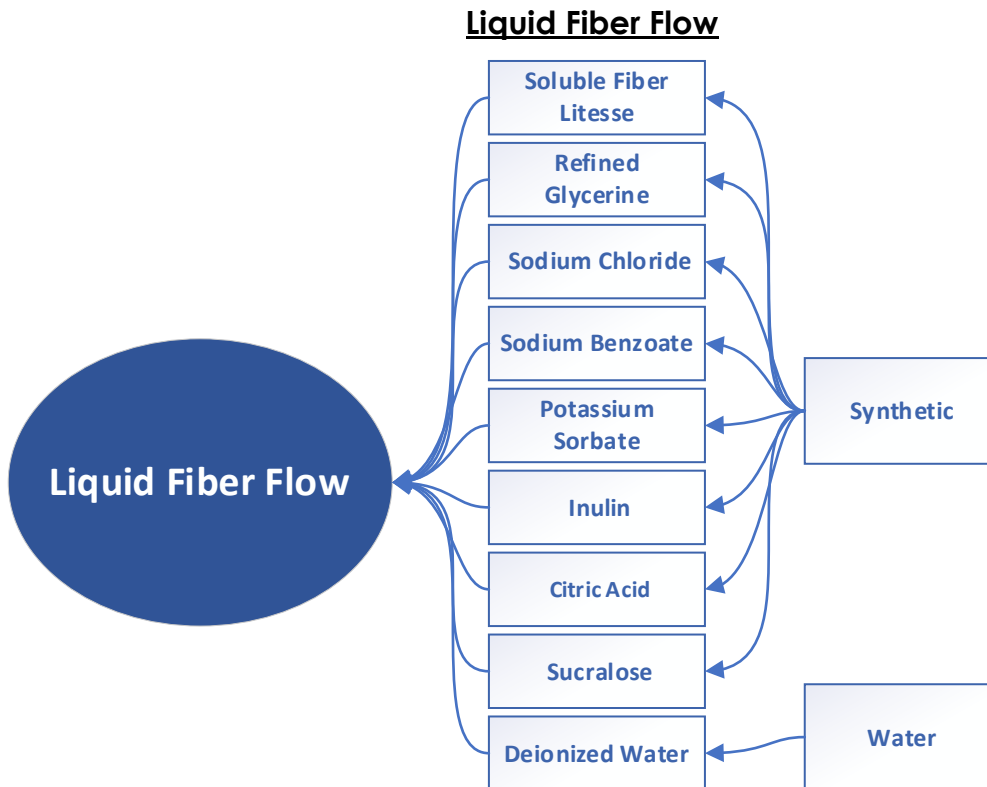
Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



Liquid Fiber Flow

N/A.

Ingredient Status

Soluble Fiber Litesse: – **Halal** (Shartan) [Litesse® is a low calorie, low glycemic, specialty carbohydrate with prebiotic properties, that is widely recognized as a fiber around the world.]

Sodium Chloride: – **Halal** (Shartan) [Sodium chloride, commonly known as table salt, is an ionic compound with the chemical formula NaCl, representing a 1:1 ratio of sodium and chloride ions. Sodium chloride is the salt most responsible for the salinity of seawater and of the extracellular fluid of many multicellular organisms.]

Sodium Benzoate: – **Halal** (Shartan) [Sodium benzoate also known as benzoate of soda is the sodium salt of benzoic acid, widely used as a food preservative and a pickling agent. It appears as a white crystalline chemical with the formula C₆H₅COONa.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

Inulin: – **Halal** (Shartan) [Inulins are a group of naturally occurring polysaccharides produced by many types of plants, industrially most often extracted from chicory. The inulins belong to a class of dietary fibers known as fructans. Inulin is used by some plants as a means of storing energy and is typically found in roots or rhizomes.]

Citric Acid: – **Halal** (Shartan) [Citric acid is an organic compound with the chemical formula HOC(CH₂CO₂H)₂. It is a colorless weak organic acid. It occurs naturally in citrus fruits. In biochemistry, it is an intermediate in the citric acid cycle, which occurs in the metabolism of all aerobic organisms.]

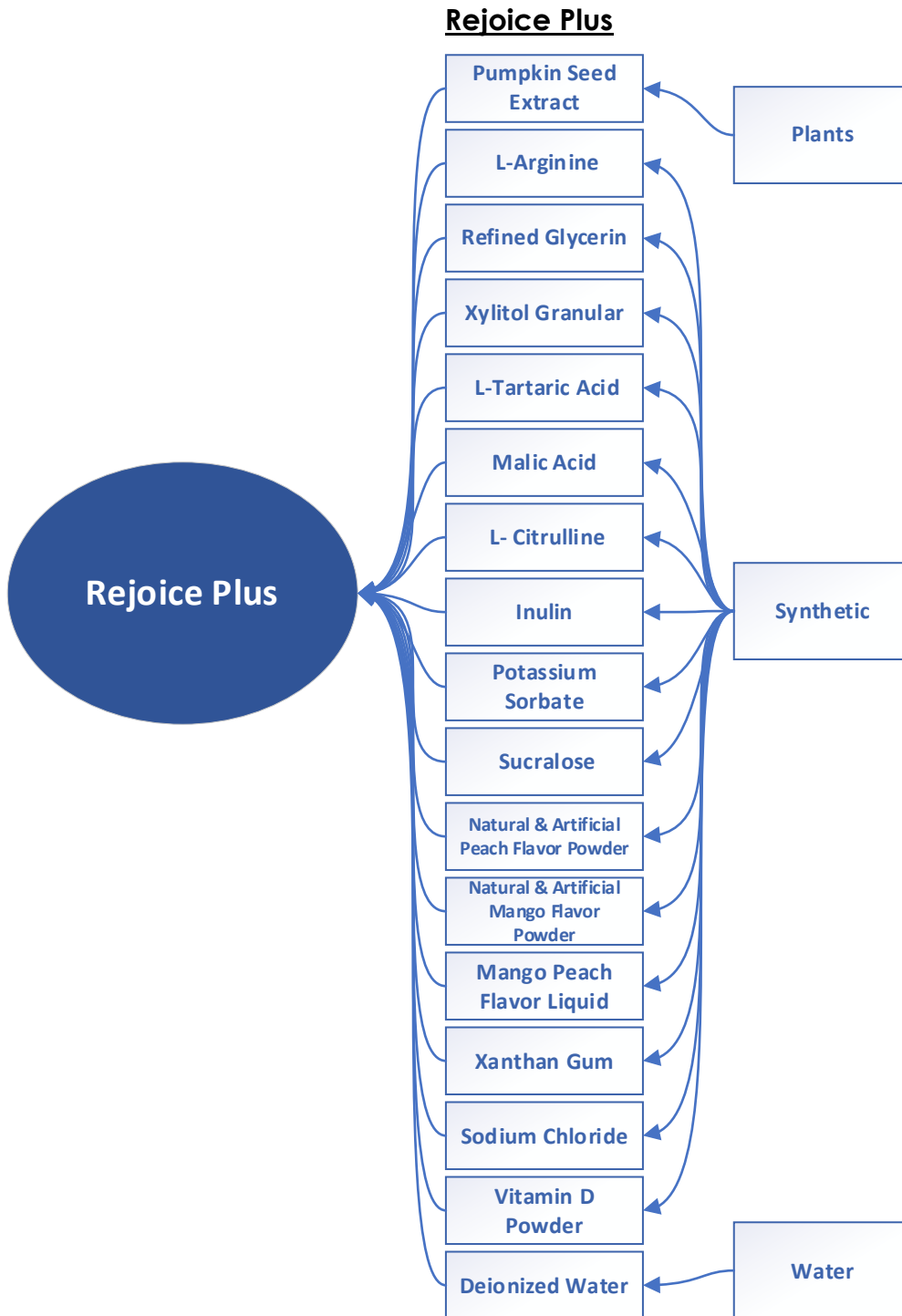
Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



Rejoice Plus

N/A.

Ingredient Status

Pumpkin Seed Extract: – **Halal** (Shartan) [Like many plant-based oils, pumpkin seed oil contains unsaturated fats that may promote heart health, as well as antioxidants that could tame inflammation and reduce the risk of various chronic diseases.]

L-Arginine: – **Halal** (Shartan) [Arginine is the amino acid with the formula $CN(CH_2)_3CHCO_2H$. The molecule features a guanidino group appended to a standard amino acid framework. At physiological pH, the carboxylic acid is deprotonated and both the amino and guanidino groups are protonated, resulting in a cation.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

Xylitol Granular: – **Halal** (Shartan) [Xylitol is a sugar alcohol used for sweetening confections and other food products. It has no calories, making it a useful sweetener for diet foods.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

L- Citrulline: – **Halal** (Shartan) [The organic compound citrulline is an α -amino acid. Its name is derived from citrullus, the Latin word for watermelon.]

Inulin: – **Halal** (Shartan) [Potassium sorbate is a chemical additive. It's widely used as a preservative in foods, drinks, and personal care products. It is an odorless and tasteless salt synthetically produced from sorbic acid and potassium hydroxide.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Natural & Artificial Peach Flavor Powder: – **Halal** (Shartan) [Powder Flavoring.]

Natural & Artificial Mango Flavor Powder: – **Halal** (Shartan) [Powder Flavoring.]

Mango Peach Flavor Liquid: – **Halal** (Shartan) [Liquid Flavoring.]

Xanthan Gum: – **Halal** (Shartan) [Xanthan gum is a polysaccharide with many industrial uses, including as a common food additive. It is an effective thickening agent, emulsifier, and stabilizer that prevents ingredients from separating]

Sodium Chloride: – **Halal** (Shartan) [Sodium chloride, commonly known as table salt, is an ionic compound with the chemical formula NaCl, representing a 1:1 ratio of sodium and chloride ions. Sodium chloride is the salt most responsible for the salinity of seawater and of the extracellular fluid of many multicellular organisms.]

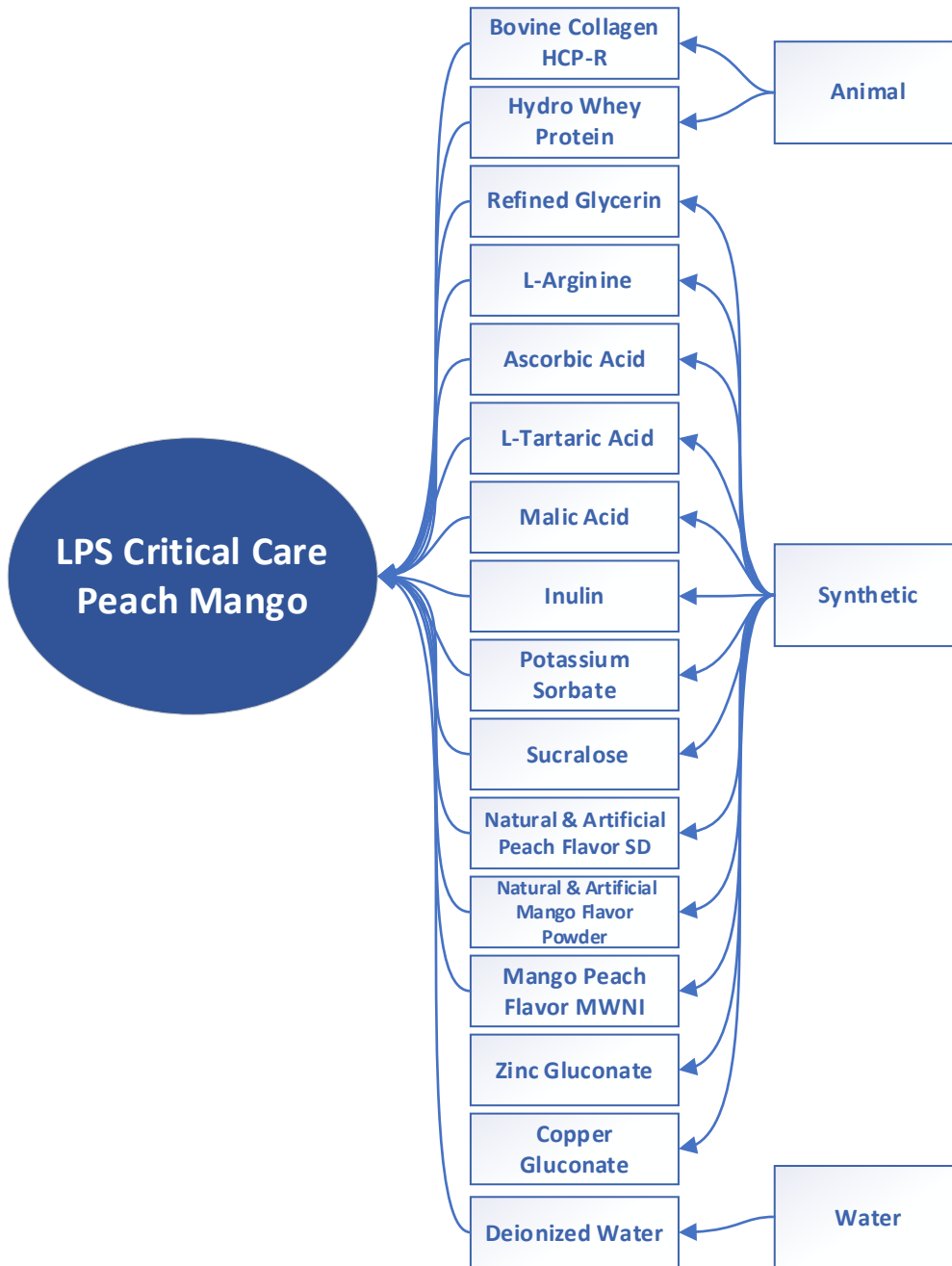
Vitamin D Powder: – Halal (Shartan) [Vitamin D (ergocalciferol-D2, cholecalciferol-D3, alfacalcidol) is a fat-soluble vitamin that helps your body absorb calcium and phosphorus. Having the right amount of vitamin D, calcium, and phosphorus is important for building and keeping strong bones.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE

LPS Critical Care Peach Mango



LPS Critical Care Peach Mango

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Arginine: – **Halal** (Shartan) [Arginine is the amino acid with the formula $CN(CH_2)_3CHCO_2H$. The molecule features a guanidino group appended to a standard amino acid framework. At physiological pH, the carboxylic acid is deprotonated and both the amino and guanidino groups are protonated, resulting in a cation.]

Ascorbic Acid: – **Halal** (Shartan) [Vitamin C is a water-soluble vitamin found in citrus and other fruits and vegetables, also sold as a dietary supplement and as a topical "serum" ingredient to treat melasma and wrinkles on the face. It is used to prevent and treat scurvy.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Inulin: – **Halal** (Shartan) [Potassium sorbate is a chemical additive. It's widely used as a preservative in foods, drinks, and personal care products. It is an odorless and tasteless salt synthetically produced from sorbic acid and potassium hydroxide.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Natural & Artificial Peach Flavor SD: – **Halal** (Shartan) [Fruit Flavoring.]

Natural & Artificial Mango Flavor Powder: – **Halal** (Shartan) [Fruit Powder Flavoring.]

Mango Peach Flavor MWNl: – **Halal** (Shartan) [Fruit Flavoring.]

Zinc Gluconate: – **Halal** (Shartan) [Zinc gluconate is the zinc salt of gluconic acid. It is an ionic compound consisting of two anions of gluconate for each zinc(II) cation. Zinc gluconate is a popular form for the delivery of zinc as a dietary supplement providing 14.35% elemental zinc by weight.]

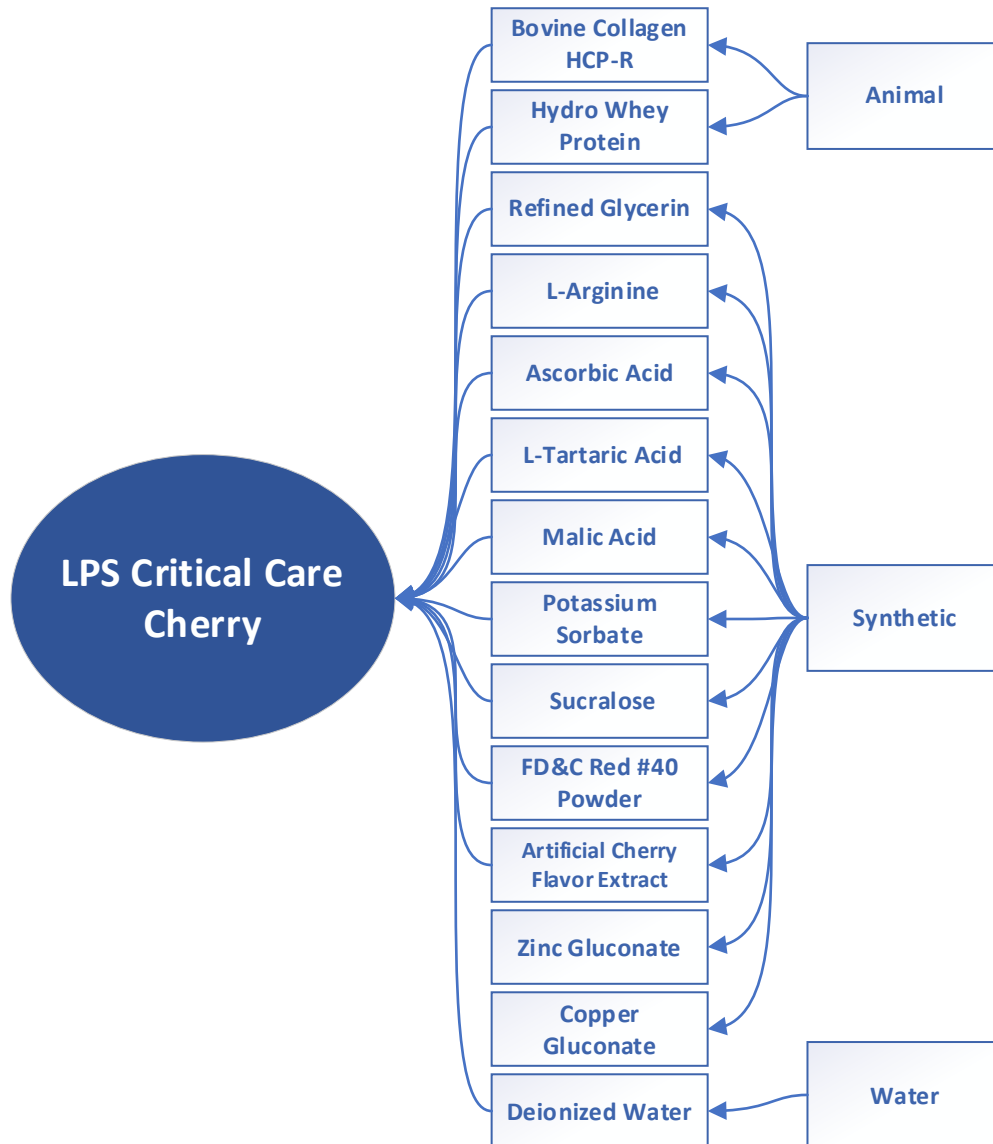
Copper Gluconate: – **Halal** (Shartan) [Copper gluconate is the copper salt of D-gluconic acid. It is an odorless light blue or blue-green crystal or powder which is easily soluble in water and insoluble in ethanol.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE

LPS Critical Care Cherry



LPS Critical Care Cherry

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Arginine: – **Halal** (Shartan) [Arginine is the amino acid with the formula $CN(CH_2)_3CHCO_2H$. The molecule features a guanidino group appended to a standard amino acid framework. At physiological pH, the carboxylic acid is deprotonated and both the amino and guanidino groups are protonated, resulting in a cation.]

Ascorbic Acid: – **Halal** (Shartan) [Vitamin C is a water-soluble vitamin found in citrus and other fruits and vegetables, also sold as a dietary supplement and as a topical "serum" ingredient to treat melasma and wrinkles on the face. It is used to prevent and treat scurvy.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

FD&C Red #40 Powder: – **Halal** (Shartan) [Red no. 40 is a synthetic dye that's used in a variety of foods. It's one of nine synthetic dyes that the U.S. Food and Drug Administration (FDA) has approved for human consumption. It's also currently approved by the European Food and Safety Authority (EFSA).]

Artificial Cherry Flavor Extract: – **Halal** (Shartan) [Fruit Extract Flavoring.]

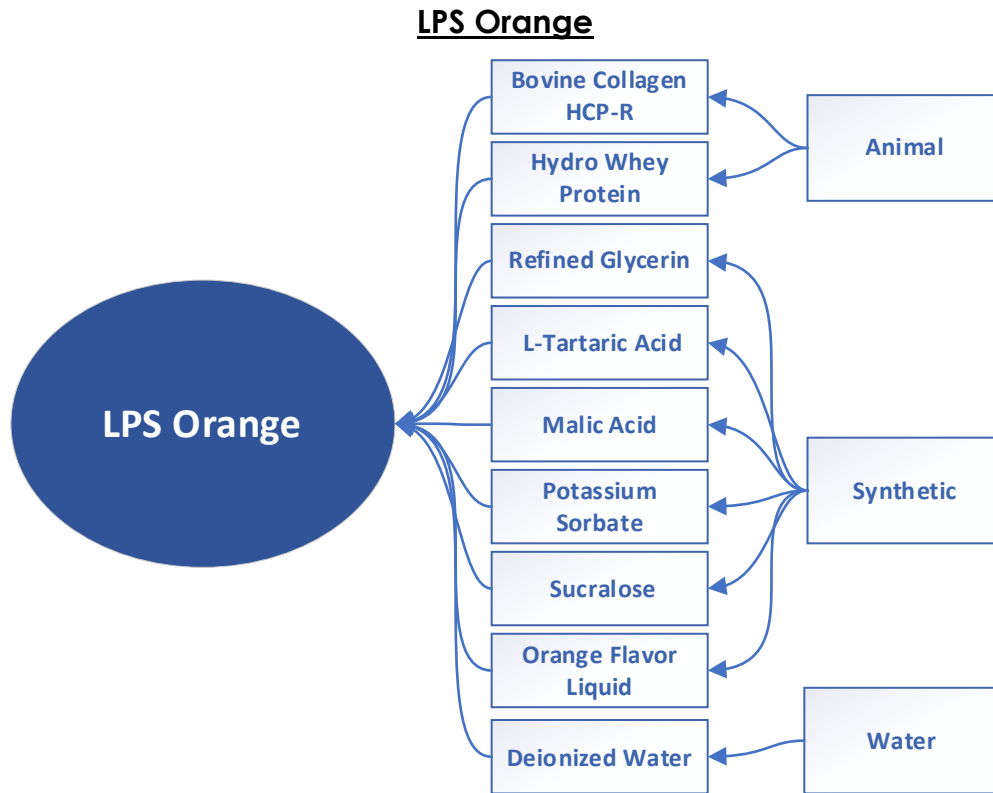
Zinc Gluconate: – **Halal** (Shartan) [Zinc gluconate is the zinc salt of gluconic acid. It is an ionic compound consisting of two anions of gluconate for each zinc(II) cation. Zinc gluconate is a popular form for the delivery of zinc as a dietary supplement providing 14.35% elemental zinc by weight.]

Copper Gluconate: – **Halal** (Shartan) [Copper gluconate is the copper salt of D-gluconic acid. It is an odorless light blue or blue-green crystal or powder which is easily soluble in water and insoluble in ethanol.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



LPS Orange

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

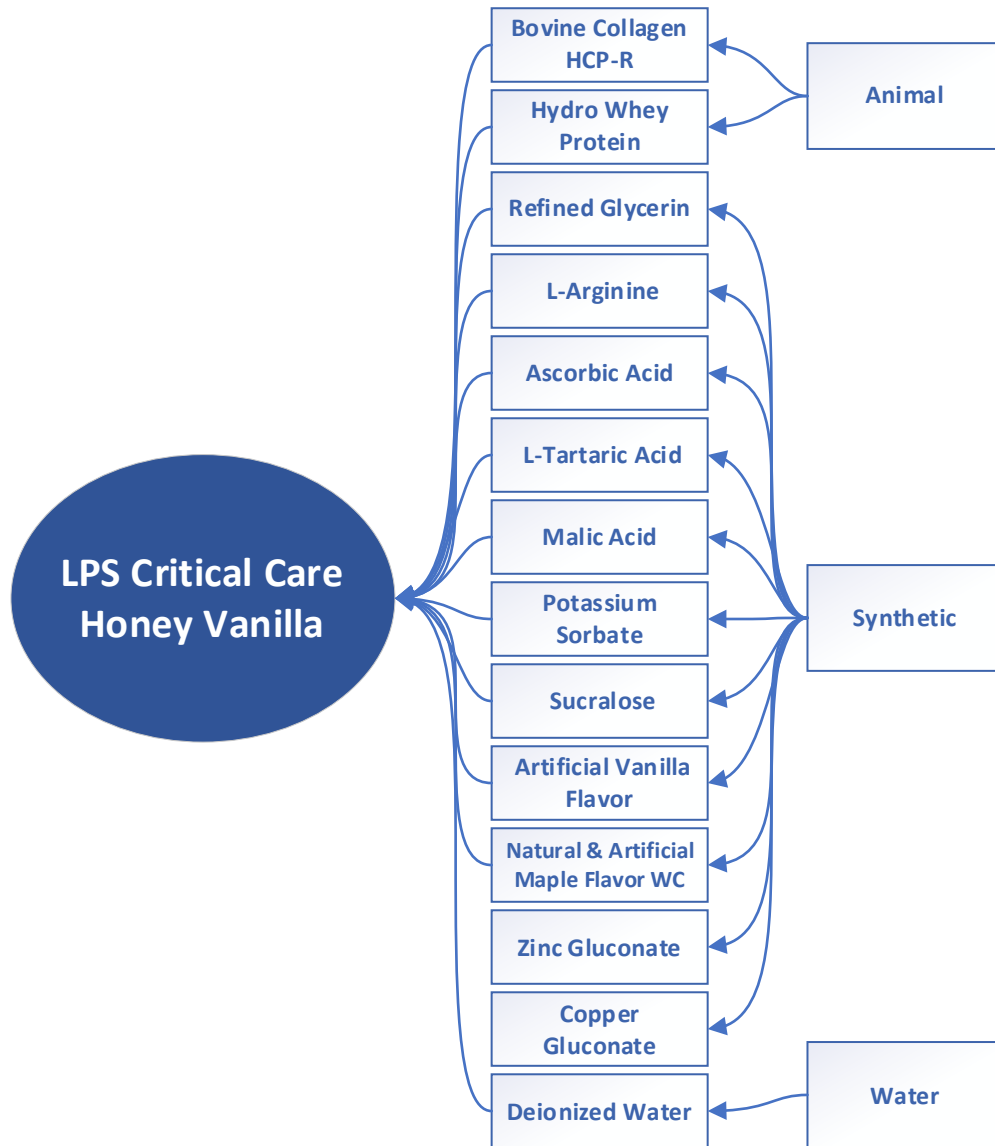
Orange Flavor Liquid: – **Halal** (Shartan) [Liquid fruit flavouring.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE

LPS Critical Care Honey Vanilla



LPS Critical Care Honey Vanilla

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Arginine: – **Halal** (Shartan) [Arginine is the amino acid with the formula $CN(CH_2)_3CHCO_2H$. The molecule features a guanidino group appended to a standard amino acid framework. At physiological pH, the carboxylic acid is deprotonated and both the amino and guanidino groups are protonated, resulting in a cation.]

Ascorbic Acid: – **Halal** (Shartan) [Vitamin C is a water-soluble vitamin found in citrus and other fruits and vegetables, also sold as a dietary supplement and as a topical "serum" ingredient to treat melasma and wrinkles on the face. It is used to prevent and treat scurvy.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Artificial Vanilla Flavor: – **Halal** (Shartan) [Imitation vanilla is made from vanillin (the primary flavor component of vanilla). Vanillin is manufactured from a substance called guaiacol. Most of the world's guaiacol supply comes from petroleum. The vanillin is diluted with a liquid, typically alcohol or propylene glycol.]

Natural & Artificial Maple Flavor WC: – **Halal** (Shartan) [Maple Flavoring.]

Zinc Gluconate: – **Halal** (Shartan) [Zinc gluconate is the zinc salt of gluconic acid. It is an ionic compound consisting of two anions of gluconate for each zinc(II) cation. Zinc gluconate is a popular form for the delivery of zinc as a dietary supplement providing 14.35% elemental zinc by weight.]

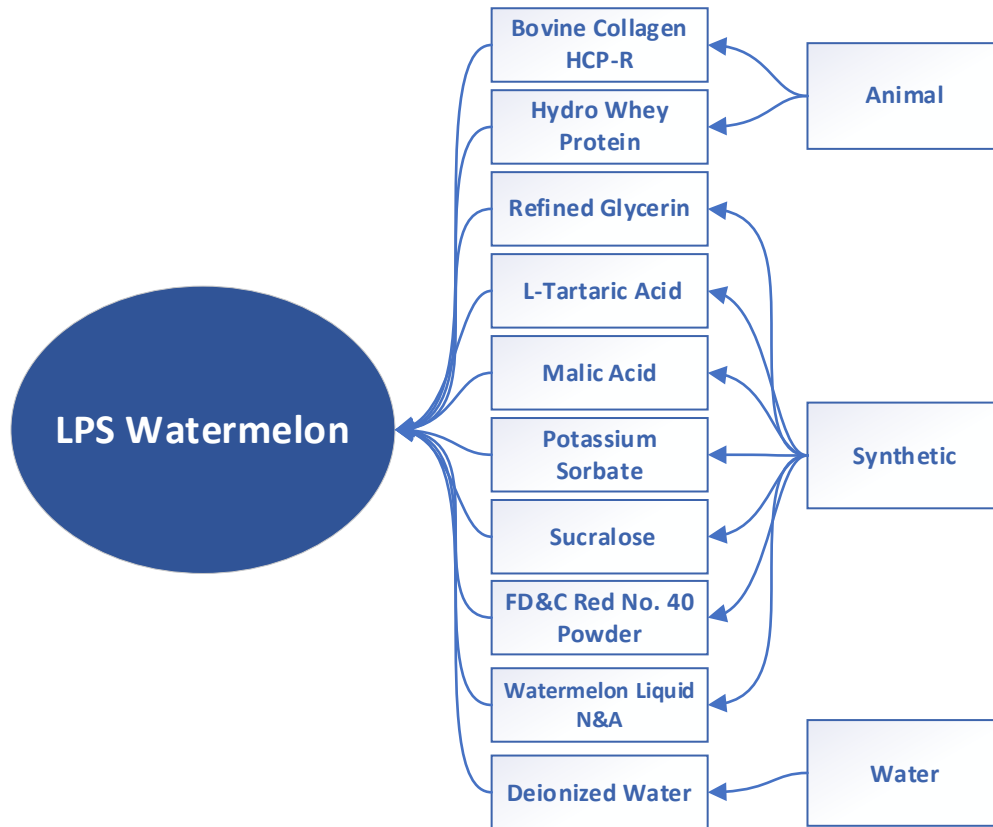
Copper Gluconate: – **Halal** (Shartan) [Copper gluconate is the copper salt of D-gluconic acid. It is an odorless light blue or blue-green crystal or powder which is easily soluble in water and insoluble in ethanol.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE

LPS Watermelon



LPS Watermelon

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

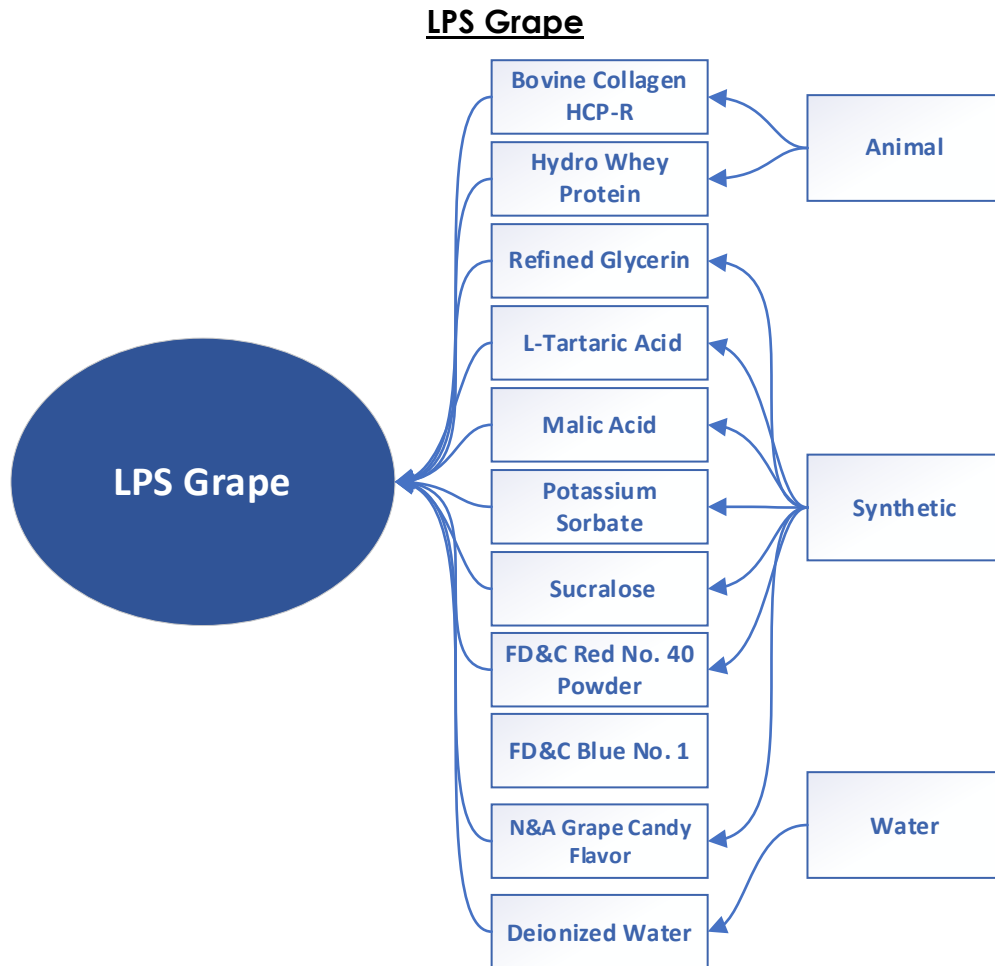
FD&C Red #40 Powder: – **Halal** (Shartan) [Red no. 40 is a synthetic dye that's used in a variety of foods. It's one of nine synthetic dyes that the U.S. Food and Drug Administration (FDA) has approved for human consumption. It's also currently approved by the European Food and Safety Authority (EFSA).]

Watermelon Liquid N&A: – **Halal** (Shartan) [Watermelon liquid Flavoring.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



LPS Grape

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

FD&C Red #40 Powder: – **Halal** (Shartan) [Red no. 40 is a synthetic dye that's used in a variety of foods. It's one of nine synthetic dyes that the U.S. Food and Drug Administration (FDA) has approved for human consumption. It's also currently approved by the European Food and Safety Authority (EFSA).]

FD&C Blue No. 1: – **Halal** (Shartan) [Brilliant blue FCF is a synthetic organic compound used primarily as a blue colorant for processed foods, medications, dietary supplements, and cosmetics. It is classified as a triarylmethane dye and is known under various names, such as FD&C Blue No. 1 or acid blue 9.]

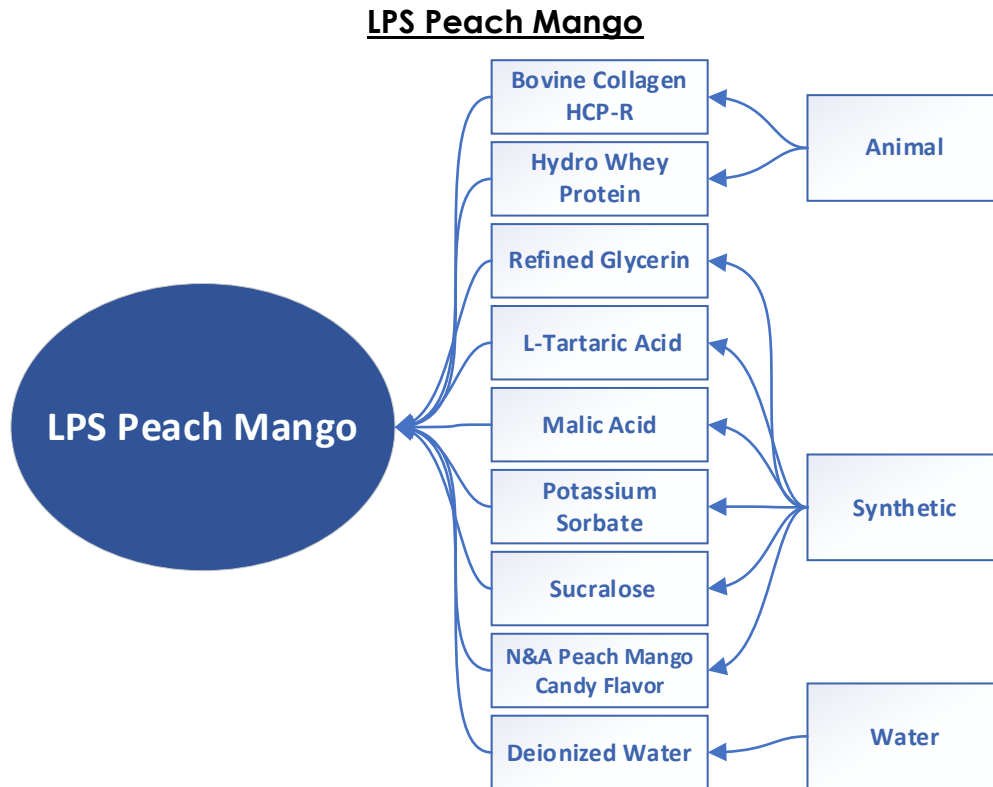
N&A Grape Candy Flavor: – **Halal** (Shartan) [Grape candy Flavoring.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they

contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



LPS Peach Mango

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

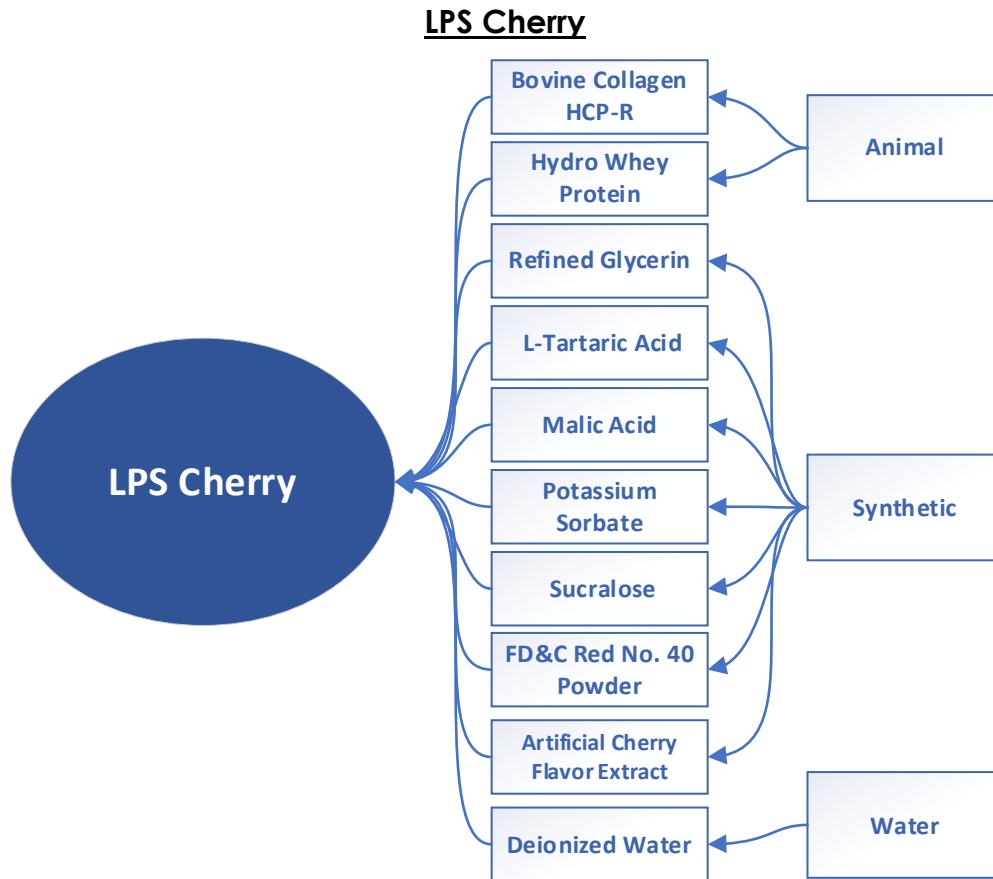
Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

N&A Peach Mango Candy Flavor: – **Halal** (Shartan) [Peach Mango Candy Flavoring.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



LPS Cherry

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

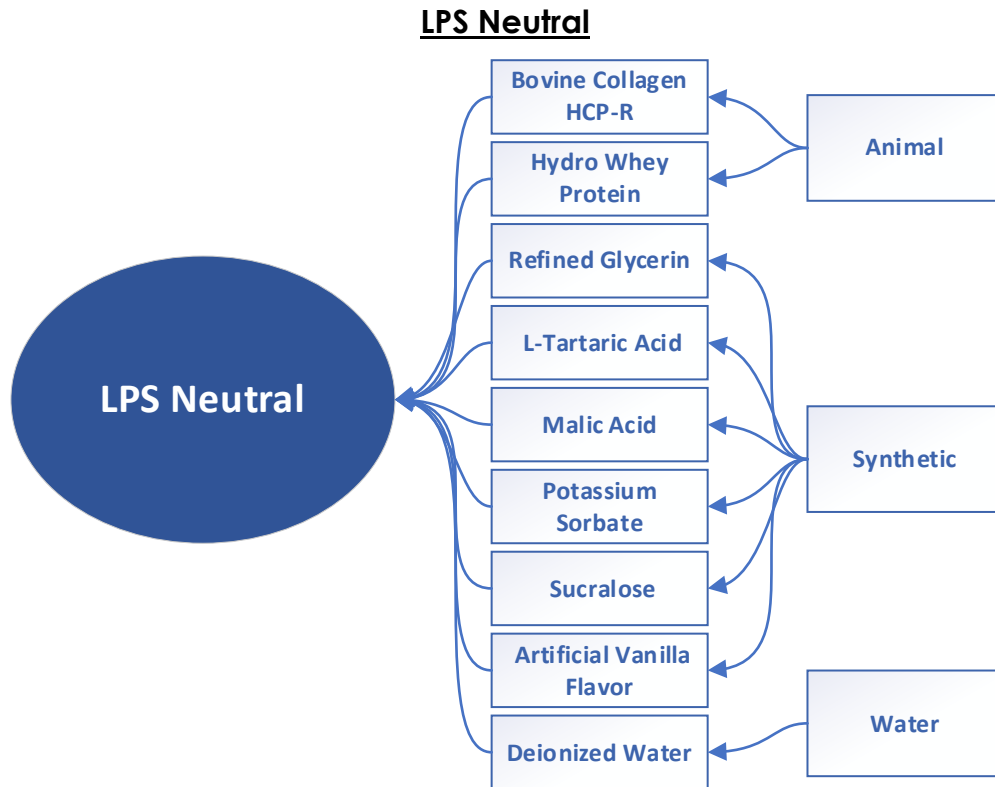
FD&C Red #40 Powder: – **Halal** (Shartan) [Red no. 40 is a synthetic dye that's used in a variety of foods. It's one of nine synthetic dyes that the U.S. Food and Drug Administration (FDA) has approved for human consumption. It's also currently approved by the European Food and Safety Authority (EFSA).]

Artificial Cherry Flavor Extract: – **Halal** (Shartan) [Artificial Cherry Extract Flavoring.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PRODUCT PROFILE



LPS Neutral

N/A.

Ingredient Status

Bovine Collagen HCP-R: – **Halal** (Shartan) [Bovine collagen is a common collagen source that is derived from animals in the bovine family, most commonly cows. It's typically made from farming by-products such as bone, cartilage and hide.]

Hydro Whey Protein: – **Halal** (Shartan) [Whey protein hydrolysate is a concentrate or isolate in which some of the amino bonds have been broken by exposure of the proteins to heat, acids or enzymes. This pre-digestion makes hydrolysed proteins more rapidly absorbed in the gut than either whey concentrates or isolates.]

Refined Glycerin: – **Halal** (Shartan) [Glycerine, also called Glycerol, is a multifunctional product created from the production of biodiesel by transesterification of oils and fats, which is then refined in to glycerine.]

L-Tartaric Acid: – **Halal** (Shartan) [L-(+)-Tartaric acid, or "natural" tartaric acid, is abundant in nature, especially in fruits. Its primary commercial source is as a byproduct of the wine industry. It is used as an additive in many foods, such as soft drinks, bakery products, and candies.]

Malic Acid: – **Halal** (Shartan) [Malic acid is an organic compound with the molecular formula $C_4H_6O_5$. It is a dicarboxylic acid that is made by all living organisms, contributes to the sour taste of fruits, and is used as a food additive. Malic acid has two stereoisomeric forms, though only the L-isomer exists naturally.]

Potassium Sorbate: – **Halal** (Shartan) [Black pepper is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. The fruit is a drupe which is about 5 mm in diameter, dark red, and contains a stone which encloses a single pepper seed.]

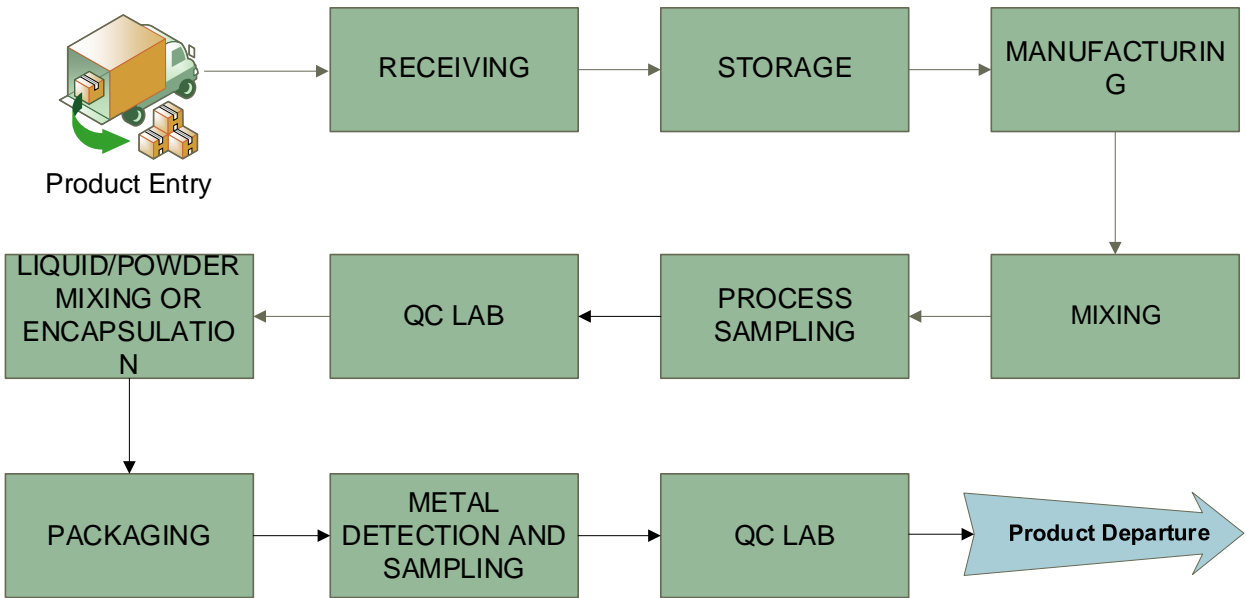
Sucralose: – **Halal** (Shartan) [Sucralose is an artificial sweetener and sugar substitute. The majority of ingested sucralose is not broken down by the body, so it is noncaloric. In the European Union, it is also known under the E number E955.]

Artificial Vanilla Flavor: – **Halal** (Shartan) [Imitation vanilla is made from vanillin (the primary flavor component of vanilla). Vanillin is manufactured from a substance called guaiacol. Most of the world's guaiacol supply comes from petroleum. The vanillin is diluted with a liquid, typically alcohol or propylene glycol.]

Deionized Water: – **Halal** (Shartan) [Deionized (DI) water is water that has been treated to remove all ions – typically, that means all of the dissolved mineral salts. Distilled water has been boiled so that it evaporates and then re-condensed, leaving most impurities behind.]

Concerns – Contains flavouring. Flavourings usually contain alcohol. In this specific set of products, the flavourings in question either do not contain any alcohol or they contain alcohol but the percentage of alcohol left in the end product is below 0.5% and the alcohol source is either corn or sugar cane.

PROCESSING OVERVIEW



CLEANING METHOD

Description:

7.1. Equipment used in manufacturing or packing products shall be cleaned directly after use. If the equipment is not used for longer periods of time, they should be cleaned again to eliminate dust that may have accumulated on it since it was last used, and to allow it to pass Hygiene surface swab testing, if applicable.

7.2. Yellow 5 gallon buckets are designated for sanitation purposes only.

7.3. To clean manufacturing and production equipment with soap and water:

7.3.1. Using scouring pads and hot soapy water, cover all surfaces of the equipment and scrub.

7.3.2. Rinse the equipment thoroughly with water.

7.3.3. Visually inspect the equipment. The equipment surfaces should be free of soap residue, bubbles, film, rouge, discoloring, rust, or foreign material. Equipment should be visually clean, and extra care taken to inspect hard to view areas.....

Frequency: After every production.

PRODUCT & SUPPLIER ASSESSMENT

Suheung America (GelTech)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Bovine Collagen HCP-R	Yes	Pass	None	Halal Aslan	Animal

MBi Nutraceuticals

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Deionized Water	N/A	Pass	None	Halal Aslan	Water

PT Unilever Olechemical Indonesia (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Refined Glycerine	Yes	Pass	None	Halal Aslan	Synthetic

Yantai Taroke Bio-Engineering Co, Ltd. (GWI)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
L Tartaric Acid	Yes	Pass	None	Halal Aslan	Synthetic

Yongsan Chemicals, Inc. (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Malic Acid	Yes	Pass	None	Halal Aslan	Synthetic

Amco Proteins (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Hydro Whey Protein	Yes	Pass	None	Halal Aslan	Animal

Shandong Kunda Biotechnology Co, Ltd. (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Potassium Sorbate Granular	Yes	Pass	None	Halal Aslan	Synthetic
Xylitol Grnular	Yes	Pass	None	Halal Aslan	Synthetic

Techno (Fujian) Food Ingredients Co., Ltd (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Sucralose	Yes	Pass	None	Halal Aslan	Synthetic

Jia Herb

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Beet Juice Powder	Yes	Pass	None	Halal Aslan	Plant

Kerry Inc

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Artificial Vanilla Flavor	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic

ACRC - American Color Research Center Inc.

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
FD&C Red No. 40 Powder	Yes	Pass	None	Halal Aslan	Synthetic
FD&C Blue No. 1	Yes	Pass	None	Halal Aslan	Synthetic

Marshall's Flavor House

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Artificial Cherry Flavor Extract	Yes	Pass	Contains alcohol, but source is Corn and < 0.5% in end products	Halal Shartan	Synthetic
Cherry Flavor Liquid	Yes	Pass	Contains alcohol, but source is Corn and < 0.5% in end products	Halal Shartan	Synthetic

Custom Flavors

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
N&A Peach Mango Candy Flavor	Yes	Pass	Contains alcohol, but source is Sugar Cane and < 0.5% in end products	Halal Shartan	Synthetic
N&A Grape Candy Flavor	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic
Watermelon Liquid N&A	Yes	Pass	Contains alcohol, but source is Sugar Cane and < 0.5% in end products	Halal Shartan	Synthetic

Edgar A. Weber

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Natural & Artificial Maple Flavor WC	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic
Orange Flavor Liquid	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic
Natural & Artificial Peach Flavor SD	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic
Natural & Artificial Mango Flavor Powder	Yes	Pass	Flavors are known to contain alcohol. This however, does not.	Halal Shartan	Synthetic
Mango Peach Flavor MWNI	Yes	Pass	Contains alcohol, but source is Corn and < 0.5% in end products	Halal Shartan	Synthetic

Monarch Nutraceuticals

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Copper Gluconate	Yes	Pass	None	Halal Aslan	Synthetic

Ningxia Qiyuan Pharmaceutical Co. (GWI)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Ascorbic Acid	Yes	Pass	None	Halal Aslan	Synthetic

Zhejiang Tianyi Food Additives Co., Ltd

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Zinc Gluconate	Yes	Pass	None	Halal Aslan	Synthetic

Danisco USA inc

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Soluble Fiber Litesse	Yes	Pass	None	Halal Aslan	Synthetic

Morton Salt Inc. (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Sodium Chloride	Yes	Pass	None	Halal Aslan	Synthetic

Tianjin Dongda Chemical Group (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Sodium Benzoate	Yes	Pass	None	Halal Aslan	Synthetic

Itrique Belge (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Citric Acid	Yes	Pass	None	Halal Aslan	Synthetic

Shandong Sanyuan Biotechnology Co. (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Xylitol Granular	Yes	Pass	None	Halal Aslan	Synthetic

Beneo (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Inulin	Yes	Pass	None	Halal Aslan	Synthetic

Shine Star (Hubei) Biological Engineering Co., Ltd

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
L-Arginine	Yes	Pass	None	Halal Aslan	Synthetic

International Flavors and Fragrances, Inc. (IFF)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Pumpkin Seed Extract	Yes	Pass	None	Halal Aslan	Plant

JingJing Pharmaceutical Co., Ltd (GWI)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
L- Citrulline	Yes	Pass	None	Halal Aslan	Synthetic

Jungbunzlauer (Vivion)

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Xanthan Gum	Yes	Pass	None	Halal Aslan	Synthetic

Artemis International, Inc.

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Cranberry Powder	Yes	Pass	None	Halal Aslan	Plant

TESTING METHOD

The following tests are performed for the production facility: None.

DOCUMENTATION

Category	Results
Legal Business Documents	PASS
Proof Of Purchase	PASS
Pest Control	PASS
Water Report	PASS
Traceability Plan	PASS
Flowchart of Processing	PASS
SSOP (Standard Sanitation Operating Procedure)	PASS
Recall Plan	PASS

CONCLUSION

Client was cooperative and compliant with all relevant documentation requests. All documentation has been analysed during this review. ND Labs's product/s are deemed to be Halal compliant and suitable.

Based upon this information, the review team hereby recommends Halal certification for all products mentioned in this report.

My signature below is a testimony that the information provided herein is factual to the best of my knowledge.

REVIEW AGENT:



Tameem Allie

Technical Review Analyst

APPROVED BY:



Sh. Darweesh Muhammad

**Certification Committee
Chair**

Date: Friday, 27 October 2023