



HALAL WATCH WORLD



THE GLOBAL STANDARD IN HALAL CERTIFICATION



PRODUCT & FACILITY REPORT

Applied Food Sciences

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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 the location it is harvested, produced, or manufactured in, even if done so by a non-Muslim, is not necessary to inspect.

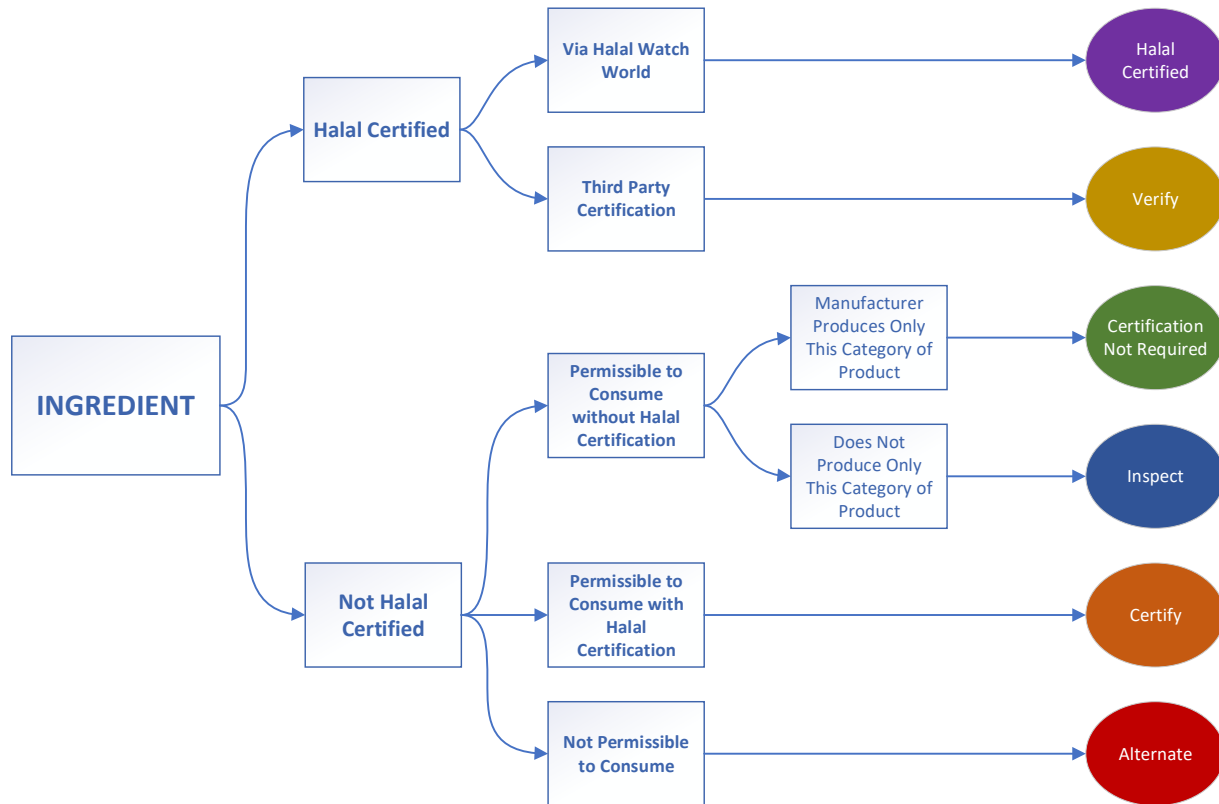
2. Is the product/ingredient Halal certified via another organization?

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. Are there any impermissible ingredients being produced in the same facility?

As is the norm in Muslim minority societies, manufacturers produce both Halal and Non-Halal products in the same facilities. If other non-Halal items are produced in the same facility, an inspection may be required. In the event that an inspection is not possible, Halal Watch World reserves the right to utilize other forms of off-site audit procedures requiring documentation and the like in order to determine the facilities halal production capabilities. It is generally required for us to determine that the manufacturer prevents the following:

1. Product Contamination
2. Cleaning Method fulfils Islamic requirements
3. Separate storage locations between Halal and non-Halal products, or preventative measures are in place to remove the possibility of mislabelling
4. Halal certified label is visible either on the box or the product
5. Halal certificate from source meat supplier is valid



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.

Client Details: Applied Food Sciences

FACILITY PROFILE

For over 20 years, Applied Food Sciences (AFS) has been bringing inspiration and innovation to functional ingredients for the natural products industry. Quality is transparent through organic farming, ethical sourcing, and sustainability. AFS cares about every stakeholder from rural farmers to the largest companies in the world.

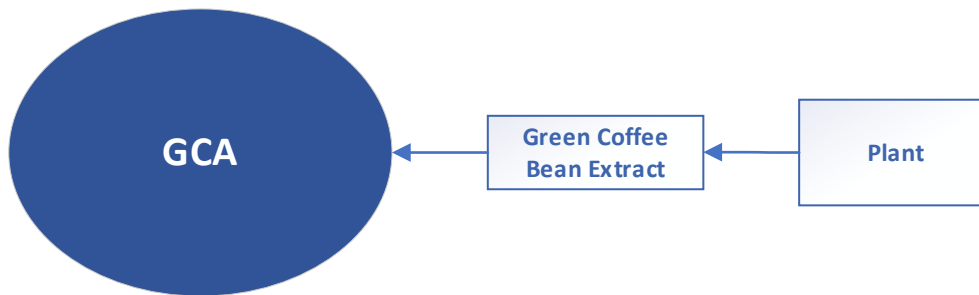
Client Details	
GENERAL INFORMATION	
Area of site:	4000
Number of employees:	5
Number of working shift:	1
Operating Hours:	9am - 5pm
Work Days:	Mon - Fri
Total Number of Products:	17
Total Number of Ingredients:	N/A
FACILITY OVERVIEW	
Risk Assessment	Low Risk
Facility Kind	HPF - Totality
Contaminants	No
Tools	Dedicated
Storage	Segregated
SUPPLIER OVERVIEW	
Supplier1:	Vydia Herbs
PRODUCT OVERVIEW	
Product Type:	Unopened Resellable Products
Exposure:	Goods are not opened in facility
Animal Byproducts:	No
Alcohol (Ethyl):	No
Fillers/Additives (Finished product:)	No

PRODUCT INFORMATION

Product name	Client product #	HWW Product ID	Ingredients List
GCA		DR1002-URP01	Green coffee beans
GCA-A		DR1002-URP02	Green coffee beans
GCA-H		DR1002-URP03	Green coffee beans
Java.G		DR1002-URP04	Green coffee beans
PurC		DR1002-URP05	Indian Gooseberry
PurCaf		DR1002-URP06	Organic Green coffee beans
PurCaf(N)		DR1002-URP07	Green coffee beans
PurTea90		DR1002-URP08	Pure green tea leaves
PurTea30		DR1002-URP09	Pure green tea leaves
PurTea40		DR1002-URP010	Pure green tea leaves
CCE		DR1002-URP011	Arabica coffee cherries
PurGinger		DR1002-URP012	Organic ginger
PurTurmeric		DR1002-URP013	Organic turmeric
PurCurcumin		DR1002-URP014	Turmeric
CleanStream (09103090)		DR1002-URP015	Turmeric, inactive gum acacia
CleanStream (09104090)		DR1002-URP016	Turmeric, inactive gum acacia
AmaTea		DR1002-URP017	Guayusa extract

PRODUCT PROFILE

GCA



GCA

GCA™ (Green Coffee Antioxidant) is a green coffee extract standardized at 50% Chlorogenic Acids. GCA can be formulated to meet your specification (ex: our “high-caf” version of 40% caffeine and 40% chlorogenic acids and our decaf version is <4% caffeine). GCA is naturally derived and if required, certified organic.

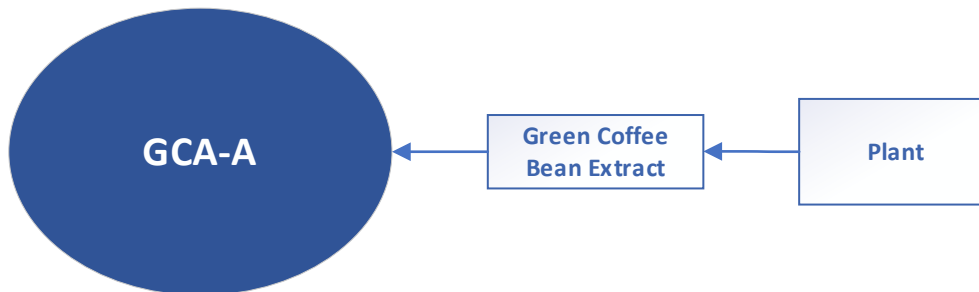
Ingredient Status

Green Coffee Bean Extract: – **Halal** (Shartan) Green coffee extract is an extract of unroasted, green coffee beans.¹

Concerns: Alcohol may have been used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹ https://en.wikipedia.org/wiki/Green_coffee_extract

GCA-A



GCA-A

GCA™ (Green Coffee Antioxidant) is a green coffee extract standardized at 50% Chlorogenic Acids. GCA can be formulated to meet your specification (ex: our “high-caf” version of 40% caffeine and 40% chlorogenic acids and our decaf version is <4% caffeine). GCA is naturally derived and if required, certified organic.

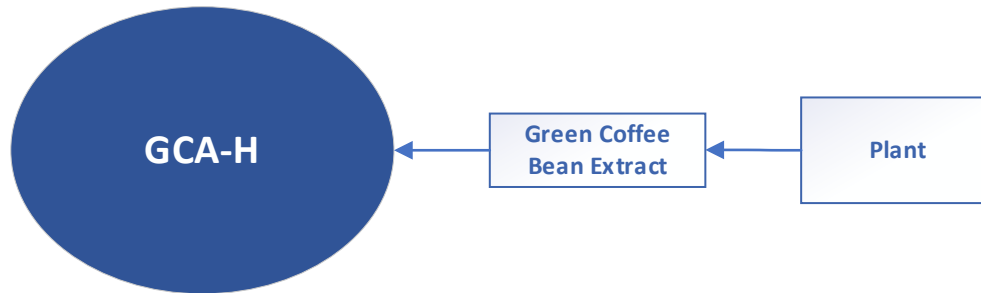
Ingredient Status

Green Coffee Bean Extract: – **Halal** (Shartan) Green coffee extract is an extract of unroasted, green coffee beans.²

Concerns: Alcohol may have been used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

² https://en.wikipedia.org/wiki/Green_coffee_extract

GCA-H



GCA-H

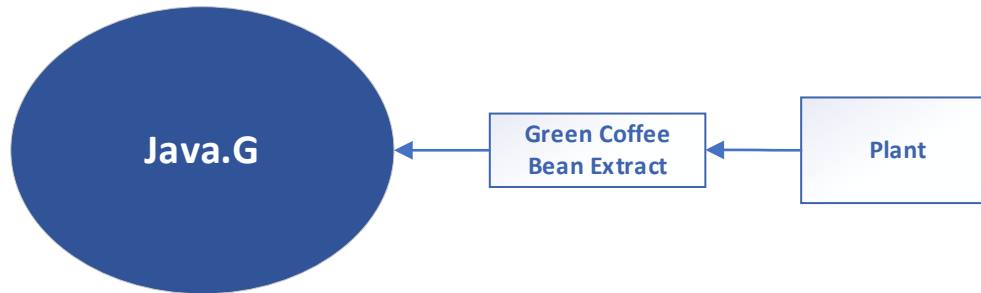
GCA™ (Green Coffee Antioxidant) is a green coffee extract standardized at 50% Chlorogenic Acids. GCA can be formulated to meet your specification (ex: our “high-caf” version of 40% caffeine and 40% chlorogenic acids and our decaf version is <4% caffeine). GCA is naturally derived and if required, certified organic.

Ingredient Status

Green Coffee Bean Extract: – **Halal** (Aslan) Green coffee extract is an extract of unroasted, green coffee beans.³

³ https://en.wikipedia.org/wiki/Green_coffee_extract

Java.G



Java.G

JAVA.g® green coffee caffeine offers an innovative fingerprint that combines the potent health benefits from green coffee antioxidants with the natural caffeine from coffee. This ingredient is perfect for formulating healthy functional beverages and foods.

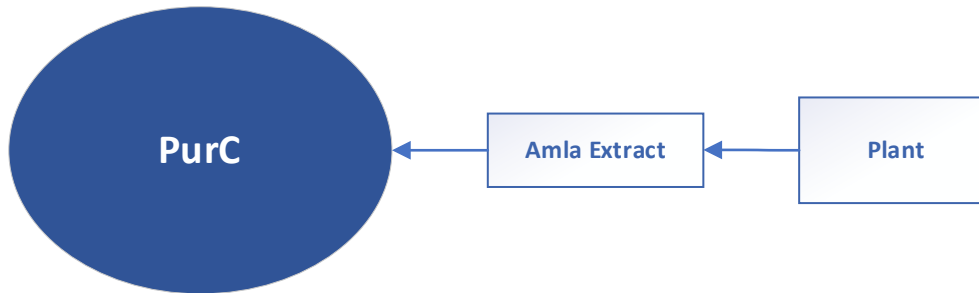
Ingredient Status

Green Coffee Bean Extract: – **Halal** (Shartan) Green coffee extract is an extract of unroasted, green coffee beans.⁴

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

⁴ https://en.wikipedia.org/wiki/Green_coffee_extract

PurC



PurC

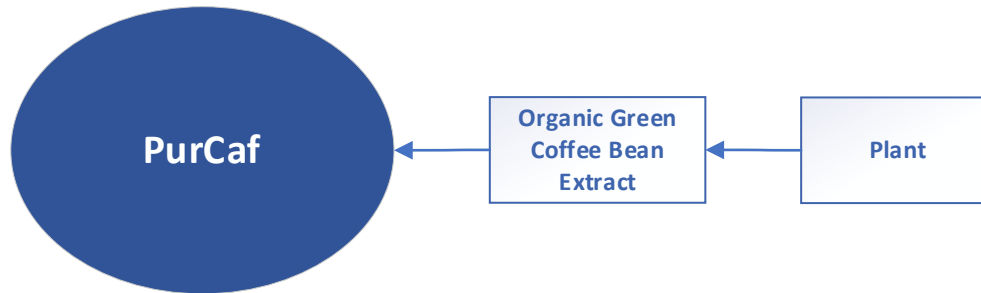
PurC® is an organic powdered extract standardized to vitamin C content sourced only using organic Indian-origin amla fruit.

Ingredient Status

Amla Extract: – **Halal** (Aslan) Phyllanthus emblica, also known as amla from Sanskrit amalaki is a deciduous tree of the family Phyllanthaceae. It has edible fruit, referred to by the same name.⁵

⁵ https://en.wikipedia.org/wiki/Phyllanthus_emblica

PurCaf



PurCaf

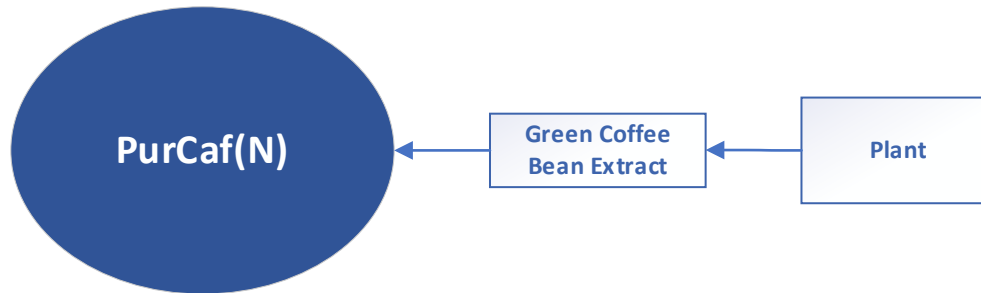
PurCaf® organic caffeine is the perfect ingredient for natural energy drinks and sport nutrition formulations because it is highly water soluble. This organic powdered extract, standardized at 95% pure caffeine, is extracted from green coffee beans. PurCaf® is non-GMO and one of the only GRAS caffeine sources in the industry today for safe use in beverages.

Ingredient Status

Green Coffee Bean Extract: – **Halal** (Aslan) Green coffee extract is an extract of unroasted, green coffee beans.⁶

⁶ https://en.wikipedia.org/wiki/Green_coffee_extract

PurCaf(N)



PurCaf(N)

PurCaf®(N) caffeine is the perfect ingredient for natural energy drinks and sport nutrition formulations because it is highly water soluble. This powdered extract, standardized at 95% pure caffeine, is extracted from green coffee beans.

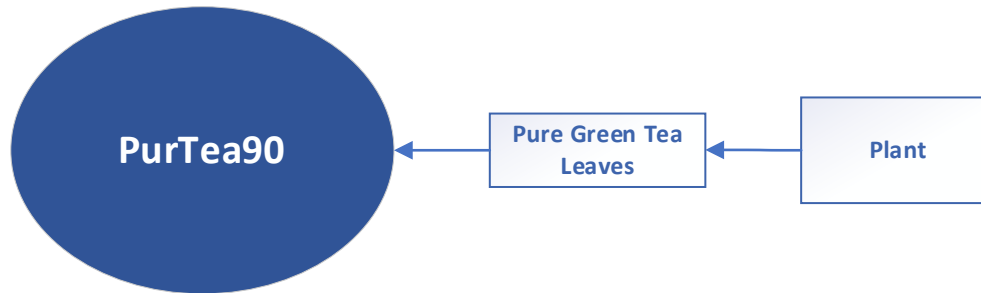
Ingredient Status

Green Coffee Bean Extract: – **Halal** (Shartan) Green coffee extract is an extract of unroasted, green coffee beans.⁷

Concerns: Alcohol may have been used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

⁷ https://en.wikipedia.org/wiki/Green_coffee_extract

PurTea90



PurTea90

PurTea® organic caffeine is a green tea extract that is fully water-soluble and has less bitterness/astringency so it is easier to formulate within beverages. PurTea’s unique extraction process removes some of the less desired compounds that make beverage formulations challenging. PurTea was developed to provide an organic source of caffeine and antioxidants for a more balanced energy feel.

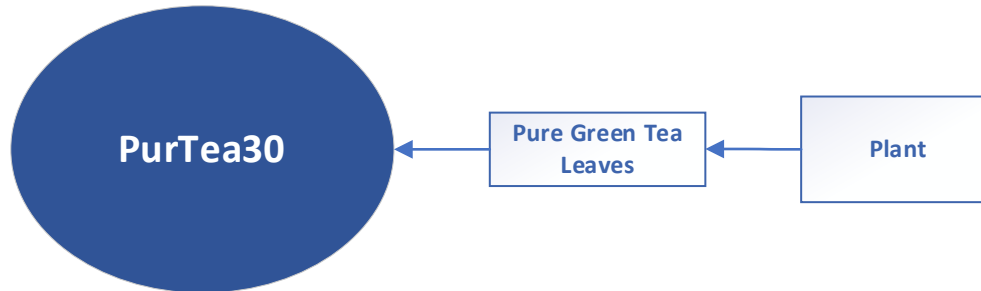
Ingredient Status

Pure green tea leaves: – **Halal** (Aslan) Green tea is a type of tea that is made from *Camellia sinensis* leaves and buds that have not undergone the same withering and oxidation process used to make oolong teas and black teas. Green tea originated in China, but its production and manufacture has spread to other countries in East Asia.⁸

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https://en.wikipedia.org/wiki/Green_tea#:~:text=Green%20tea%20is%20a%20type,other%20countries%20in%20East%20Asia.

PurTea30



PurTea30

PurTea® organic caffeine is a green tea extract that is fully water-soluble and has less bitterness/astringency so it is easier to formulate within beverages. PurTea’s unique extraction process removes some of the less desired compounds that make beverage formulations challenging. PurTea was developed to provide an organic source of caffeine and antioxidants for a more balanced energy feel.

Ingredient Status

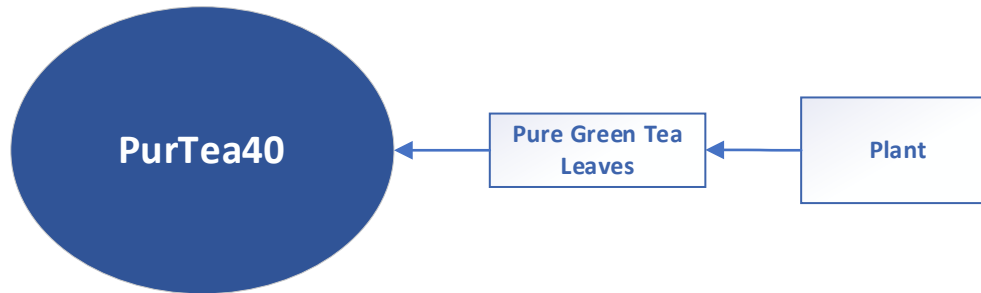
Pure green tea leaves: – **Halal** (Shartan) Green tea is a type of tea that is made from Camellia sinensis leaves and buds that have not undergone the same withering and oxidation process used to make oolong teas and black teas. Green tea originated in China, but its production and manufacture has spread to other countries in East Asia.⁹

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

⁹

https://en.wikipedia.org/wiki/Green_tea#:~:text=Green%20tea%20is%20a%20type,other%20countries%20in%20East%20Asia.

PurTea40



PurTea40

PurTea® organic caffeine is a green tea extract that is fully water-soluble and has less bitterness/astringency so it is easier to formulate within beverages. PurTea’s unique extraction process removes some of the less desired compounds that make beverage formulations challenging. PurTea was developed to provide an organic source of caffeine and antioxidants for a more balanced energy feel.

Ingredient Status

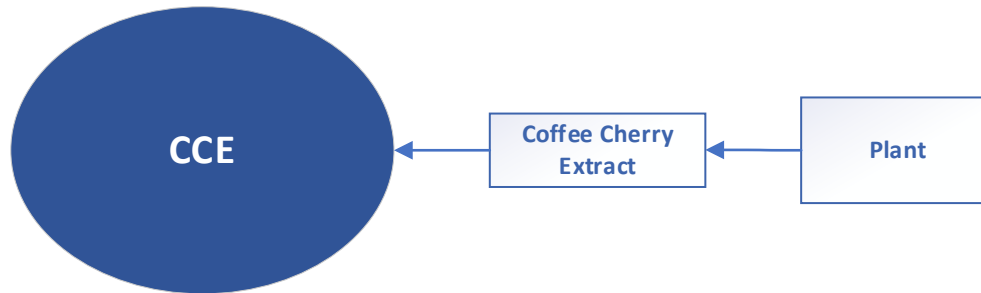
Pure green tea leaves: – **Halal** (Shartan) Green tea is a type of tea that is made from Camellia sinensis leaves and buds that have not undergone the same withering and oxidation process used to make oolong teas and black teas. Green tea originated in China, but its production and manufacture has spread to other countries in East Asia.¹⁰

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹⁰

https://en.wikipedia.org/wiki/Green_tea#:~:text=Green%20tea%20is%20a%20type,other%20countries%20in%20East%20Asia.

CCE



CCE

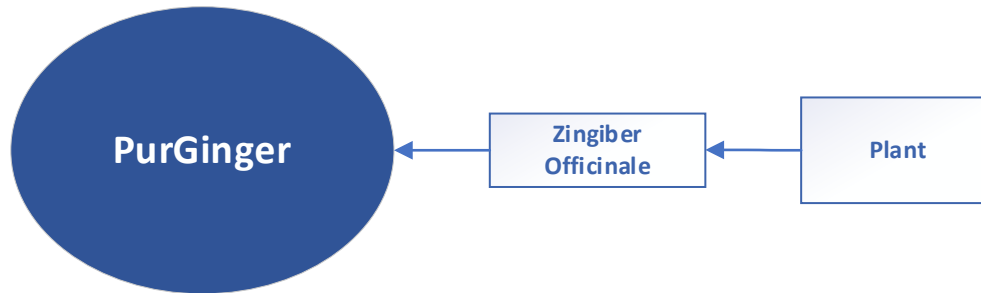
CoffeeNectar cascara superfruit is an on-trend flavor providing a subtle sweet taste derived from the fruit of the coffee cherry. With notes of brown sugar, caramel, and maple, CoffeeNectar™ would be an excellent complement to any product. Craft your next cold brew coffee, soda, or snack with CoffeeNectar™ by AFS.

Ingredient Status

Coffee Cherry Extract: – **Halal** (Aslan) Coffee fruit extract is a natural nootropic (brain-boosting) supplement. Coffee fruit extract comes from the bright red fruit that wraps around coffee beans. It's packed with antioxidants and brain-enhancing compounds.¹¹

¹¹ <https://daveasprey.com/coffee-fruit-extract-nootropic-supplement/>

PurGinger



PurGinger

Developing a beverage takes passion and dedication. We created PurGinger® to help you add bold, spicy ginger flavor to your project with absolute efficiency. Our highly water-soluble organic ginger powder mixes seamlessly into your solution and is consistent in every batch. With over 20 years of experience in manufacturing food ingredients, you can have confidence in our quality measures that ensure no risk of microbial contamination, heavy metals, or other impurities. Consider organic PurGinger® for your next functional flavor.

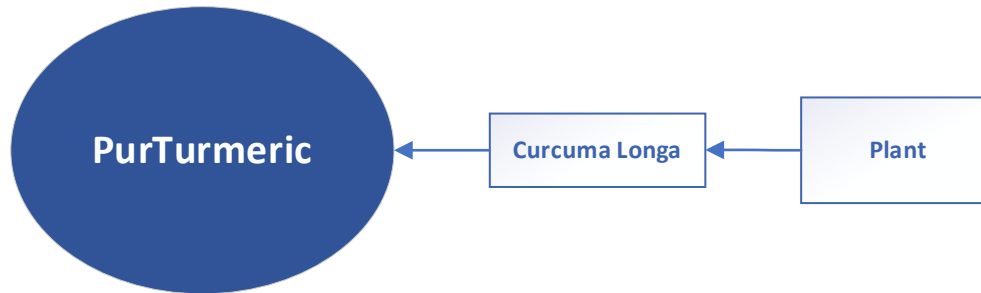
Ingredient Status

Ginger: – **Halal** (Shartan) Ginger is a flowering plant whose rhizome, ginger root or ginger, is widely used as a spice and a folk medicine. It is a herbaceous perennial which grows annual pseudostems (false stems made of the rolled bases of leaves) about one meter tall bearing narrow leaf blades.¹²

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹² <https://en.wikipedia.org/wiki/Ginger>

PurTurmeric



PurTurmeric

AFS takes the challenge out of working with an organic turmeric in beverages by creating PurTurmeric™ organic turmeric extract, the highly water-soluble ingredient for beverages. While flavor and health benefits are key targets, a typical turmeric extract would cause sedimentation due to its lack of solubility. Without losing that excellent flavor and sensory profile, AFS has designed their PurTurmeric™ organic turmeric extract to be clear in solution thanks to its high water solubility. This powder extract also cuts costs by streamlining formulation and reducing costs in shipping, processing, and additional waste stream.

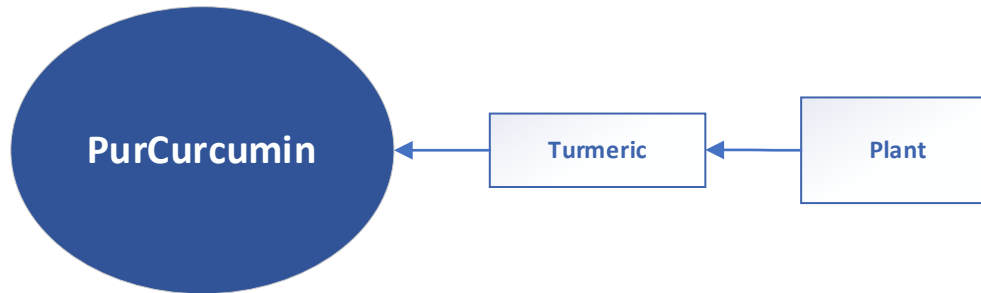
Ingredient Status

Curcuma longa: – **Halal** (Shartan) Turmeric is a flowering plant, Curcuma longa of the ginger family, Zingiberaceae, the roots of which are used in cooking.¹³

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹³ <https://en.wikipedia.org/wiki/Turmeric>

PurCurcumin



PurCurcumin

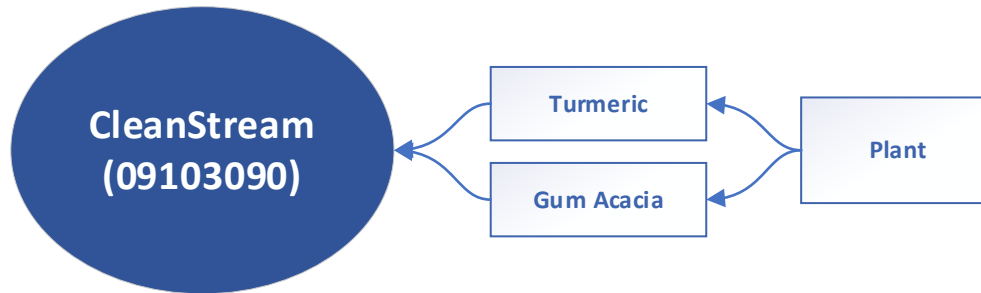
Ingredient Status

Turmeric: – **Halal** (Shartan) Turmeric is a flowering plant, *Curcuma longa* of the ginger family, Zingiberaceae, the roots of which are used in cooking.¹⁴

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹⁴ <https://en.wikipedia.org/wiki/Turmeric>

CleanStream (09103090)



CleanStream (09103090)

Working with traditional curcumin ingredients can be a manufacturer's nightmare because turmeric causes caking in production lines and stains equipment. In fact, due to the drastically lengthier cleanup times, some companies refuse to take on turmeric projects altogether. Production runs involving traditional turmeric extracts can incur post-production clean times that are 5 to 6 times longer than when running other turmeric ingredients.

Ingredient Status

Turmeric: – **Halal** (Shartan) Turmeric is a flowering plant, *Curcuma longa* of the ginger family, Zingiberaceae, the roots of which are used in cooking.¹⁵

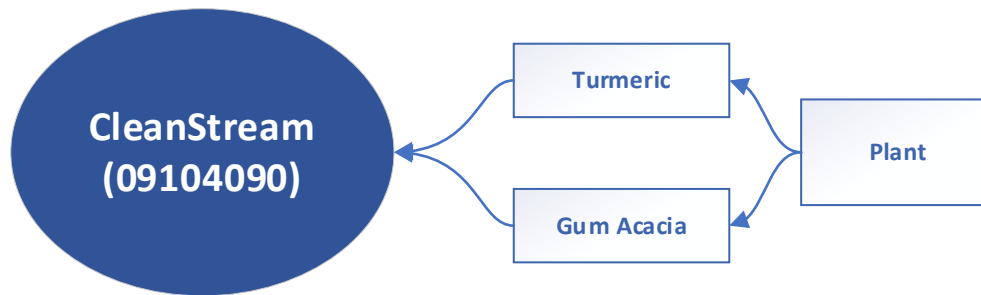
Concerns: Alcohol may have been used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

Gum Acacia: – **Halal** (Aslan) Gum arabic is a natural gum consisting of the hardened sap of two species of the acacia (*sensu lato*) tree, *Acacia senegal* (now known as *Senegalia senegal*) and *Vachellia (Acacia) seyal*. The term "gum arabic" does not indicate a particular botanical source.¹⁶

¹⁵ <https://en.wikipedia.org/wiki/Turmeric>

¹⁶ https://en.wikipedia.org/wiki/Gum_arabic

CleanStream (09104090)



CleanStream (09104090)

Working with traditional curcumin ingredients can be a manufacturer's nightmare because turmeric causes caking in production lines and stains equipment. In fact, due to the drastically lengthier cleanup times, some companies refuse to take on turmeric projects altogether. Production runs involving traditional turmeric extracts can incur post-production clean times that are 5 to 6 times longer than when running other turmeric ingredients.

Ingredient Status

Turmeric: – **Halal** (Shartan) Turmeric is a flowering plant, *Curcuma longa* of the ginger family, Zingiberaceae, the roots of which are used in cooking.¹⁷

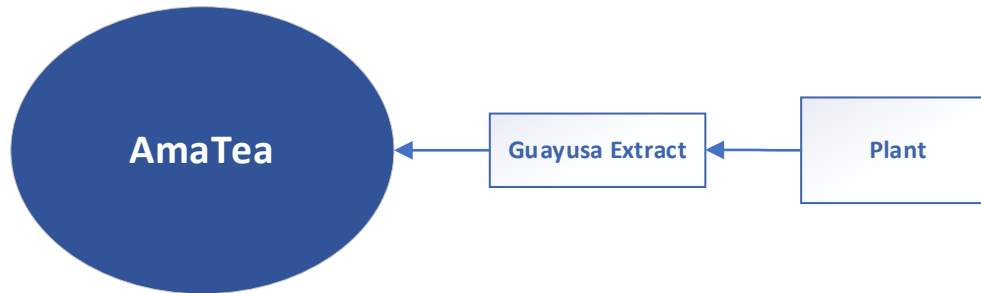
Concerns: Alcohol may have been used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

Gum Acacia: – **Halal** (Aslan) Gum arabic is a natural gum consisting of the hardened sap of two species of the acacia (*sensu lato*) tree, *Acacia senegal* (now known as *Senegalia senegal*) and *Vachellia (Acacia) seyal*. The term "gum arabic" does not indicate a particular botanical source.¹⁸

¹⁷ <https://en.wikipedia.org/wiki/Turmeric>

¹⁸ https://en.wikipedia.org/wiki/Gum_arabic

AmaTea



AmaTea

AMATEA™ organic guayusa extract, by Applied Food Sciences, is a highly water-soluble ingredient for the application of nootropic energy intended in beverages or nutritional supplements. AMATEA™ has a distinct fingerprint standardized at 20% caffeine. AMATEA™ also contains other beneficial compounds like chlorogenic acids (an antioxidant similar to what is found in green coffee beans) and rutin (a flavonoid that found in certain fruits and vegetables). Because it is low in tannins, AMATEA™ is not bitter, dry, or chalky tasting like many other more astringent tea extracts. Instead, AMATEA™ is naturally sweet to complement a variety of flavors. AMATEA™ is also USDA organic, Non-GMO, and GRAS (Generally Recognized As Safe) a requirement for use in US food and beverages.

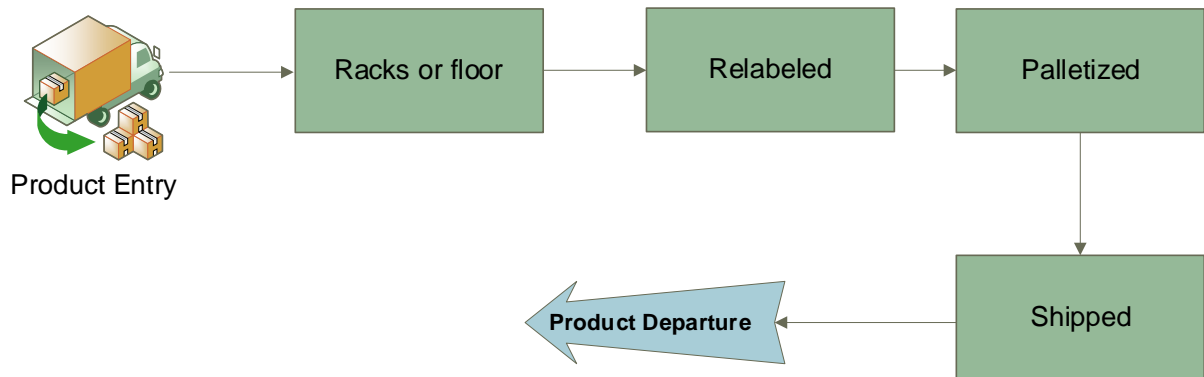
Ingredient Status

Guayusa: – **Halal** (Aslan) Ilex guayusa is a species of tree of the holly genus, native to the Amazon Rainforest. One of three known caffeinated holly trees, the leaves of the guayusa tree are dried and brewed like a tea for their stimulative effects.¹⁹

Concerns: Alcohol is used during the extraction process, but the above product has been certified as Halal by a Halal Certification Agency.

¹⁹ https://en.wikipedia.org/wiki/Ilex_guayusa

PROCESSING OVERVIEW



CLEANING METHOD

Description:

6.1.1. Employees visually check the appearance of the AFS facilities. Pick up any debris on the floor.

6.1.2. The Warehouse Manager visually inspects the state of the bathroom on a daily basis and replaces hand soap, paper towels and toilet tissue as needed.

6.1.3. Trash will be removed as needed.

Frequency: Daily

PRODUCT & SUPPLIER ASSESSMENT

Vydia Herbs

Raw Material	Ingredient description	Concerns	Pass/Fail	Reason	Status Recommendation
Green coffee bean extract	Green coffee extract is an extract of unroasted, green coffee beans.	Alcohol may have been used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
Amla extract	Phyllanthus emblica, also known as amla from Sanskrit amalaki is a deciduous tree of the family Phyllanthaceae. It has edible fruit, referred to by the same name.				Halal Aslan
Organic green coffee beans	Green coffee extract is an extract of unroasted, green coffee beans.				Halal Aslan
Pure green tea leaves	Green tea is a type of tea that is made from Camellia sinensis leaves and buds that have not undergone the same withering and oxidation process used to make oolong teas and black teas. Green tea originated in China, but its production and manufacture has spread to other countries in East Asia.	Alcohol may have been used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
coffee cherry (Coffea arabica)	Coffea arabica (/əˈræbɪkə/), also known as the Arabian coffee, "coffee shrub of Arabia", "mountain coffee" or "arabica coffee", is a species of Coffea.				Halal Aslan
Zingiber officinale	Ginger is a flowering plant whose rhizome, ginger root or ginger, is widely used as a spice and a folk medicine. It is a herbaceous perennial which grows annual pseudostems (false stems made of the rolled bases of leaves) about one meter tall bearing narrow leaf blades.	Alcohol is used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
Curcuma longa	Turmeric is a flowering plant, Curcuma longa of the ginger family, Zingiberaceae, the roots of which are used in cooking.	Alcohol may have been used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
Turmeric	Turmeric is a flowering plant, Curcuma longa of the ginger family, Zingiberaceae, the roots of which are used in cooking.	Alcohol is used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
Gum acacia	Gum arabic is a natural gum consisting of the hardened sap of two species of the acacia (sensu lato) tree, Acacia senegal and Vachellia (Acacia) seyal. The term "gum arabic" does not indicate a particular botanical source.	Alcohol may have been used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan
Guayusa Extract	Ilex guayusa is a species of tree of the holly genus, native to the Amazon Rainforest. One of three known caffeinated holly trees, the leaves of the guayusa tree are dried and brewed like a tea for their stimulative effects.	Alcohol is used during the extraction process	Pass	Certified as halal by JUHF	Halal Shartan

TESTING METHOD

The following tests are performed for the production facility: Microbials, pesticides, heavy metals, residual solvents

CONCLUSION

Client was cooperative, compliant with on-site access, and all relevant documentation requests. Inspector was able to identify all critical Halal Area Risk Management locations. All H.A.R.M. areas have been properly mitigated. All source materials have been analysed during this review. Applied Food Sciences's facility has been deemed to be conducive to maintaining the integrity of a Halal product.

Based upon this information, the review team hereby certifies both the facility, and all products mentioned in this report to be Halal.

REVIEW AGENT:



Tameem Allie


Technical Review Analyst

APPROVED BY:



Sh. Darweesh Muhammad

Director of Operations



Imam Mansoor Rafiq Umar

President