



HALAL WATCH WORLD

THE **GOLD** STANDARD



DOCUMENT SUBMISSION REPORT

Firebreak, Inc.

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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

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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.

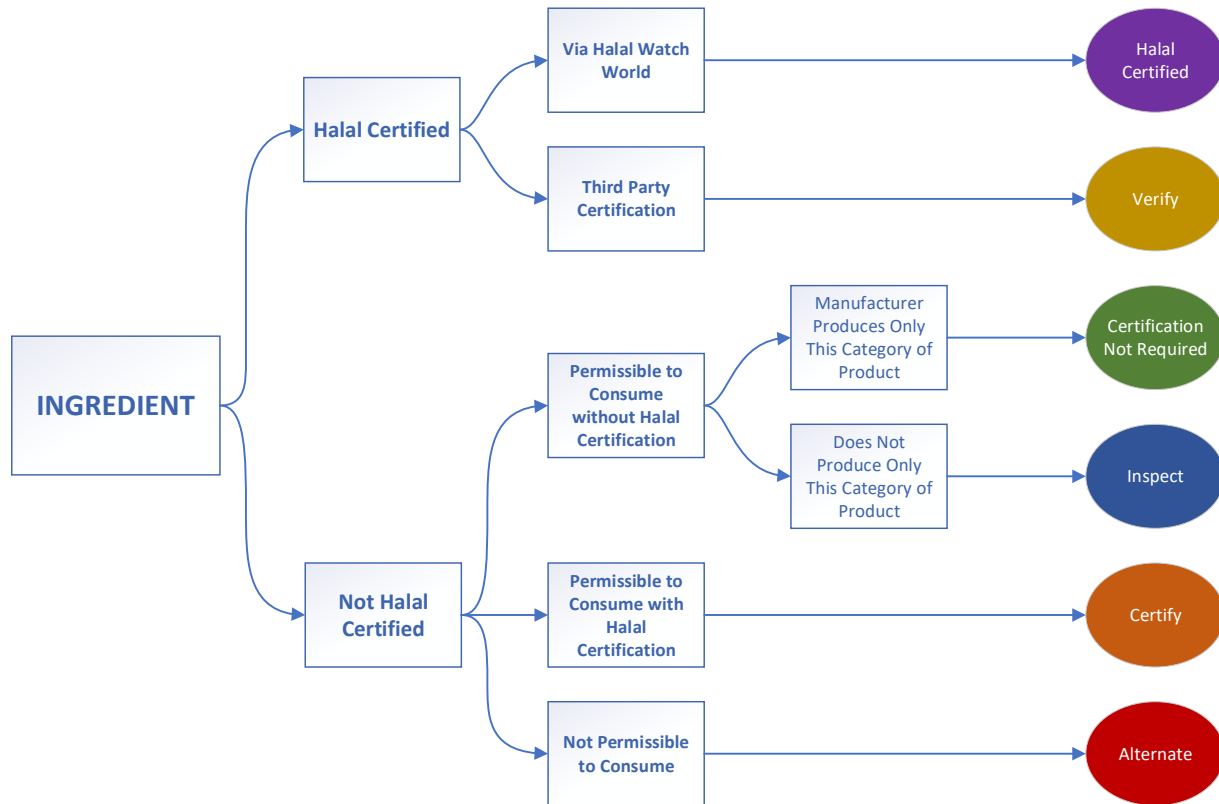
2. Is the product/ingredient Halal certified via another organization?

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: Firebreak, Inc.

FACILITY PROFILE

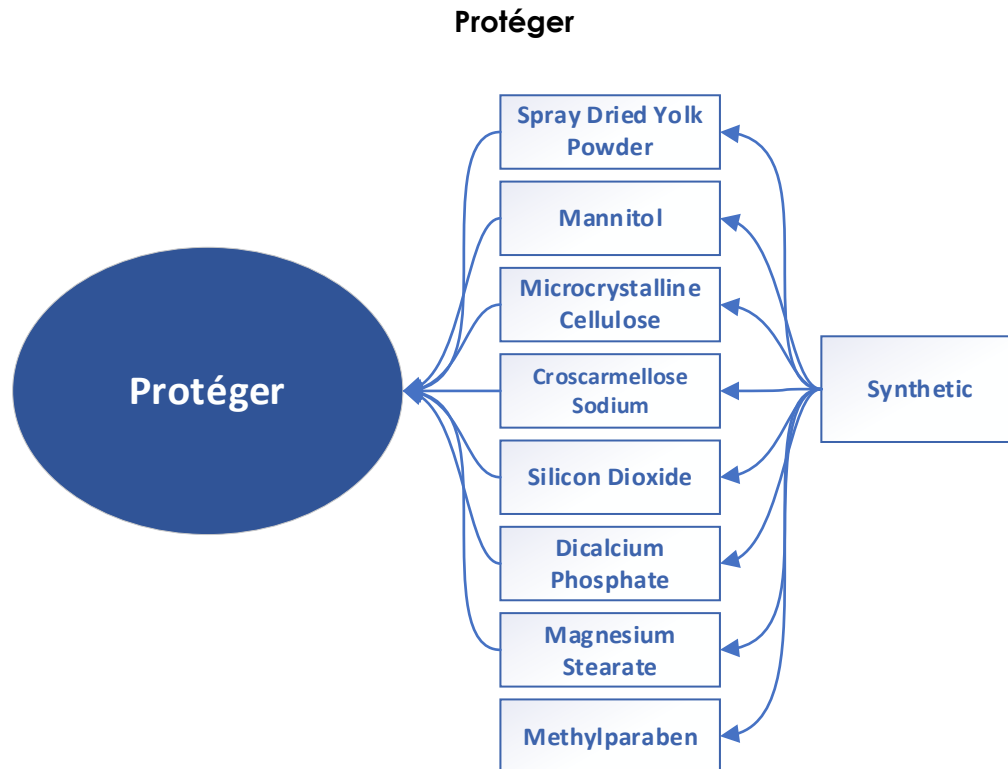
Firebreak Inc, a Colorado-Start Up Developing a Breakthrough IgY Antibody Platform (Polymmune™), that Enables Multiple High-Impact Health and Wellness Products

Client Details	
GENERAL INFORMATION	
Product Type:	Nutraceutical
Total Number of Products:	1
Total Number of Ingredients:	8
SUPPLIER OVERVIEW	
Supplier1:	Evonik Corporation
Supplier2:	Membrane Process & Controls
Supplier3:	Roquette
Supplier4:	Peter Greven
Supplier5:	Avantor Performance Materials, LLC

PRODUCT INFORMATION

Product name	Client product #	HWW Product ID
Protéger		MR1059-NU01

PRODUCT PROFILE



Protéger

An orally dissolvable, chewable tablet for passive mucosal immunity.

Ingredient Status

Spray Dried Yolk Powder: – **Halal** (Aslan) [Egg yolk powder is made of spray dried pasteurized egg yolks. It is rich in lecithin and a good emulsifier. Dried egg yolks can be stored at room temperature as long as they are kept cool and dry.]

Mannitol: – **Halal** (Aslan) [Mannitol is a type of sugar alcohol used as a sweetener and medication. It is used as a low-calorie sweetener as it is poorly absorbed by the intestines. As a medication, it is used to decrease pressure in the eyes, as in glaucoma, and to lower increased intracranial pressure. Medically, it is given by injection]

Microcrystalline Cellulose: – **Halal** (Aslan) [Microcrystalline cellulose is a term for refined wood pulp and is used as a texturizer, an anti-caking agent, a fat substitute, an emulsifier, an extender, and a bulking agent in food production. The most common form is used in vitamin supplements or tablets.]

Croscarmellose Sodium: – **Halal** (Aslan) [Sodium croscarmellose is an internally cross-linked sodium carboxymethylcellulose for use as a superdisintegrant in pharmaceutical formulations. E468 is the E number of crosslinked sodium carboxymethyl cellulose, used in food as an emulsifier. (Has a Halal Certificate)]

Silicon Dioxide: – **Halal** (Aslan) [Silicon dioxide, also known as silica, is an oxide of silicon with the chemical formula SiO_2 , most commonly found in nature as quartz and in various living organisms. In many parts of the world, silica is the major constituent of sand.]

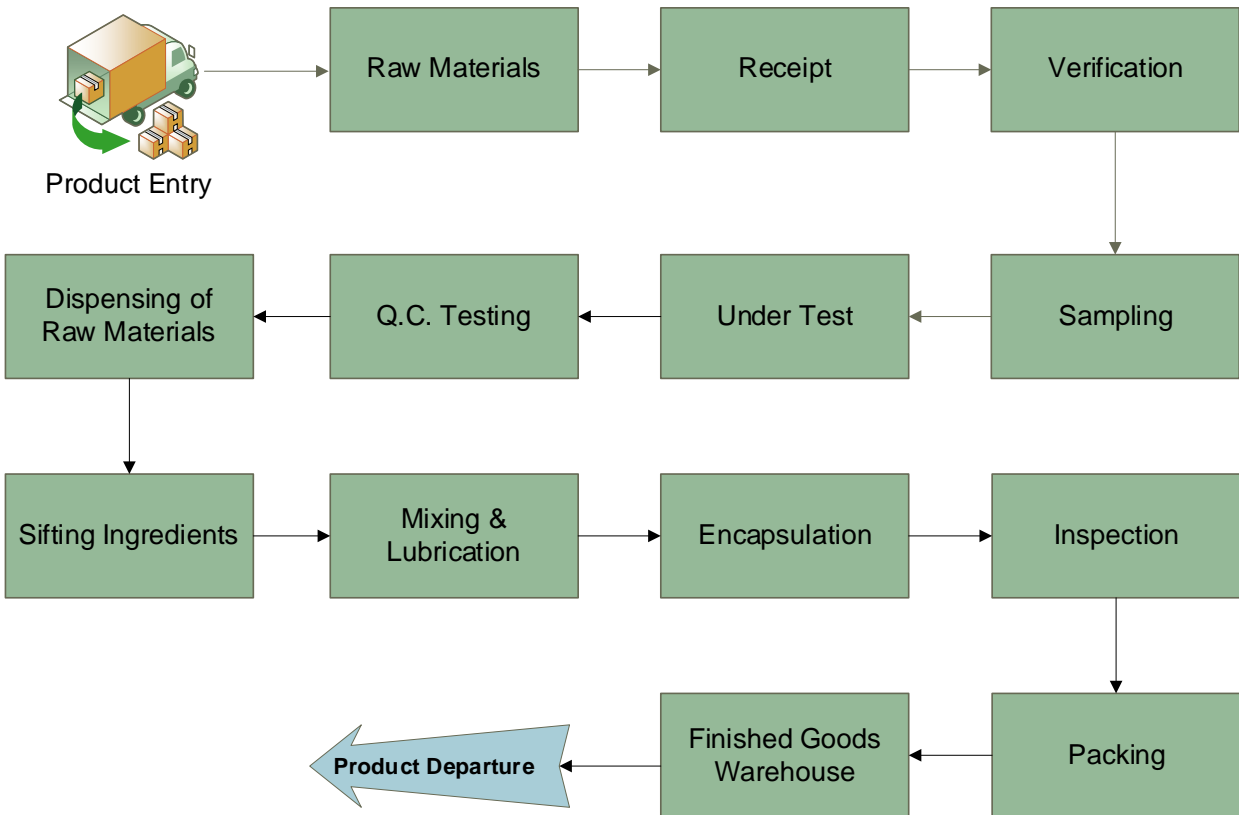
Dicalcium Phosphate: – **Halal** (Aslan) [Dicalcium phosphate is the calcium phosphate with the formula CaHPO_4 and its dihydrate. The "di" prefix in the common name arises because the formation of the HPO_4^{2-} anion involves the removal of two protons from phosphoric acid, H_3PO_4 . It is also known as dibasic calcium phosphate or calcium monohydrogen phosphate.]

Magnesium Stearate: – **Halal** (Aslan) [Magnesium stearate is the chemical compound with the formula Mg_2 . It is a soap, consisting of salt containing two equivalents of stearate and one magnesium cation. Magnesium stearate is a white, water-insoluble powder. Its applications exploit its softness, insolubility in many solvents, and low toxicity.]

Methylparaben: – **Halal** (Aslan) [Methylparaben is an anti-fungal agent often used in a variety of cosmetics and personal-care products. It is also used as a food preservative and has the E number E218. Methylparaben is commonly used as a fungicide in *Drosophila* food media at 0.1%.]

Concerns – None.

PROCESSING OVERVIEW



CLEANING METHOD

Description:

- A. All areas of facility must be kept cleaned up free of litter or idle equipment and parts. Floors, nooks, and corners should be clean and orderly with no accumulation of debris
- B. All containers for waste or any product must be identified.
- C. All fans or blowers must be kept clean and free of dust or dirt.
- D. Mold/mildew growth on floors, walls, ceilings, or equipment must be prevented.
- E. All tools and cleaning supplies must be kept clean and stored in designated areas up off the floors when not in use.
- F. Conduits pipe runs, and other electrical fixtures must be sealed and free of dust and debris.
- G. A procedure must be in place to prevent contamination of packaging materials during the cleaning process. Packaging supplies should be removed from the

production area during cleanup. If not removed, they must be stored off the floor, and covered to prevent contamination

H. Mops, brooms, squeegees, etc. must have hanging storage fixtures and not be stored on the floors. No utensils with wooden handled may be used in production or packaging areas.

43. Verification of Cleaning Effectiveness

A. Cleaning effectiveness must be verified visually by a qualified employee prior to start-up, and the results of these inspections must be documented using a checklist. When deemed necessary, cleaning effectiveness should also be determined through swabbing of equipment non-contact surfaces, walls, floors, floor drains, etc. for evaluation of microbiological levels. Results must be documented.

Frequency: Once a week.

PRODUCT & SUPPLIER ASSESSMENT

Evonik Corporation

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Silicon Dioxide	Certificate	Pass	None	Halal Shartan	Synthetic

Membrane Process & Controls

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Spray Dried Yolk Powder	Statement	Pass	None	Halal Shartan	Synthetic

Roquette

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Mannitol	Certificate	Pass	None	Halal Shartan	Synthetic
Microcrystalline Cellulose	Certificate	Pass	None	Halal Shartan	Synthetic
Croscarmellose Sodium	Certificate	Pass	None	Halal Shartan	Synthetic

Peter Greven

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Magnesium Stearate	Certificate	Pass	None	Halal Shartan	Synthetic

Avantor Performance Materials, LLC

Raw Material	Statement/Certificate	Pass/Fail	Concerns	Status Recommendation	Ingredient Source
Methylparaben	Certificate	Pass	None	Halal Shartan	Synthetic

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. Firebreak, Inc.'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, 13 May 2022