



# Aryan Food Ingredients Limited

## Certificate of Analysis

<b>Product Name</b>	<b>Organic Vitamin C Powder (Amla Fruit Source)</b>	<b>Nature of product</b>	Powder
<b>Botanical Name</b>	<i>Emblica officinalis</i>	<b>Origin</b>	India
<b>Batch no.</b>	<b>ARY/O/18288</b>	<b>Manufacturing Date</b>	28/01/2022
<b>Batch Qty</b>	<b>25kg</b>	<b>Expiry date</b>	27/01/2024
<b>Product Code</b>	<b>ORGAML35</b>	<b>HS Code</b>	

### Testing parameters

Physical Parameters			
Items	Specification	Method	Results
Appearance	Fine powder	Organoleptic	Complies
Odor	Characteristic	Organoleptic	Complies
Color	Brown Color	Organoleptic	Complies
Analytical Quality			
Sieve analysis	90% through 60 mesh	Sieve	Complies
Moisture (w/w)	< 10.0%	In House	6.0%
Ash (w/w)	< 5.0%	In House	2.1%
Acid insoluble ash(w/w)	<2.4%	In House	0.7%
Bulk Density	30-60 g/100mL	In House	Complies
<b>Assay(free Ascorbic acid)</b>	<b>50 %</b>	<b>HP-LC</b>	<b>50.01%</b>
Heavy Metals			
Arsenic	Max 1.1 ppm	ICP-OES	B.L.Q
Cadmium	Max 1.0 ppm	ICP-OES	B.L.Q
Lead	Max 2.5 ppm	ICP-OES	B.L.Q
Mercury	Max 0.1 ppm	ICP-OES	B.L.Q
Contaminants			
AflatoxinB1	≤2ppb	EASI-CHE-SOP-18	Complies
AflatoxinB2	≤2ppb	EASI-CHE-SOP-18	Complies
AflatoxinG1	≤2ppb	EASI-CHE-SOP-18	Complies
AflatoxinG2	≤2ppb	EASI-CHE-SOP-18	Complies
Ethylene Oxide	≤0.01mg/kg	EKA-CHE-SOP-053(By GC-MS)	Complies
Pesticides Residues	Organic Requirements	EKA-CHE-SOP-030(By LC-MSMS &GC-MSMS)	Complies
Microbiological			
Total Plate count/g	<10000 CFU/g	ISO 4833-1-2013	<1000 CFU/g
Yeast & moulds/g	<100 CFU/g	ISO 21527-2:2008	<100 CFU/g
Coliform/g	<10 CFU/g	ISO 4832:2006	<10 CFU/g
Escherichia coli(/25g)	Negative	ISO 16649-2-2001	Negative
Salmonella(/25g)	Negative	ISO 6579-1:2017/AMD 1:2020	Negative

### Aryan Food Ingredients Limited

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**Note: B.L.Q – Below Limit of Quantification, Limit of Quantification: 0.05mg/kg for Heavy Metals**

**Packing and Storage** Store in sealed containers at cool & dry place to protect from light moisture and pest infestation

**Appearance** This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.

**Shelf life** 24 months under the conditions above and in its original packaging

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