

ASES CHEMICAL WORKS

Manufacturers, Traders & Exporters of Chemicals & Cosmetic Raw Materials

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GST: 08AABFA4650R1Z4 | FSSAI Lic. No.: 12221999000175 | Drug Lic. No.: RAJ-1597-B

CERTIFICATE OF ANALYSIS

Product Name	Apple Cider Vinegar Powder	Botanical Name	Fermented Apple Vinegar
Grade	Food Grade	Packing Size	25 kg Drum
Batch No.	27GX6	Country of Origin	India
Mfg. Date	27.07.2026	Best Before	27.01.2028 (18 months)

Parameter	Specifications	Result	Analysis Method
Physical Appearance	--	Free-flowing Cream White powder	Visual
Flavour and Odour	--	Free from off-flavour and odour	Complies
Taste	--	Typical of Natural Vinegar	Complies
Moisture	Max 5.0%	1.12	FSSAI Manual - Fruit & Vegetable Product:2016, Method-4.1
Total Ash	1.0 - 4.0%	2.37	AAL/CHEM/SOP/FD/GF/2, Issue No. 01, Issue Date: 17-07-2025
pH (in 5%)	3.0 - 6.0%	3.65 at 25.0 degrees Celsius	FSSAI Manual - Fruit & Vegetable Product:2016, Method-2.3
Acidity	6.5 - 8.5%	6.24	FSSAI Manual - Fruit & Vegetable Product:2016, Method-2.3
Total Plate Count	m=NMT 1000000, M=NMT 10000000	530	IS 5402:2012
Yeast & Mould	m=NMT 10000, M=NMT 100000	<10	IS 5403: 1999
E. Coli	Absent	Absent	IS5887(Part-1):1976(RA 2018)
Salmonella	Absent /25gm	Absent	IS5887(Part-3):1999(RA 2018)
Solubility	90-99%	98.96	In-house Method
Bulk Density	0.40 - 0.80 g/ml	0.63	In-house Method
Particle Size	20 - 100 mesh	97.23% pass through 60 mesh	In-house Method
Ingredients	--	Fresh Apple Cider Vinegar Liquid, Maltodextrin, Acidifying Regulator [E330], Anti-caking Agent [E551]	--

Notes:

- Storage & Transport: To be protected from damp and sunlight.
- Product shelf life: 18 months from the date of production when stored under proper conditions in the original sealed pack.
- Additional parameter data can be supplied on request.

Disclaimer: This specification is provided for information purposes only and should not be relied upon as a basis for product performance. It is suggested that the product be evaluated on at least a laboratory basis before its commercial usage.

This is a computer-generated document and does not require a signature.

Authorised Signatory

Rohan Singhvi

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