

Certificate of Analysis

Product name	3-O-Ethyl Ascorbic Acid	Quantity Standard	TS-QS-H07-02
Batch Size	300KGS	Batch Number	HE202203011
Manufacture Date	Mar 22, 2022	Expiry Date	Mar 21, 2024

Items	Specifications	Results	Conclusion
Appearance	White crystalline powder	Off- white	Conforms
Assay %	≥99	99.96%	Conforms
Maximum single impurity %	≤0.05	0.04	Conforms
Water solubility(100g/L)	Colorless to light yellow transparent liquid	Conforms	Conforms
Melting Point ℃	111.0 - 116.0	113.4 - 114.8	Conforms
Residue on ignition %	≤0.5	0.02	Conforms
Loss on drying %	≤1.0	0.07	Conforms
pH (3% W/V)	3.0 - 5.5	4.3	Conforms
Heavy metals ppm	≤5	<5	Conforms
Arsenic ppm	≤1	<5	Conforms
Total Plate Count cfu/g	≤500	<10	Conforms
Yeast and Mold cfu/g	Negative	Negative	Conforms

Shelf Life	2 years when properly stored
Package & Storage	Standard packed in fiber-drum and two plastic bags inside
	Store in a cool, dry place away from Moisture, Light, Oxygen

QC Manager: Guo Shan

