

CERTIFICATE OF ANALYSIS

Product Name	Ascorbyl Glucoside	Batch kgs	160.1kg
Batch Number	SOST20240321	Issue Date	2024.03.26
MFG. Date	2024.03.21	Expiration Date	2026.03.20
Standard	TS-OS-H02-03	Package	1KG/BAG
Items	Specification	Test results	Conclusion
Description	White to cream crystalline powder	Conforms	Conforms
Assay	≥99.5	99.7	Conforms
Dissociate vitamin C%	≤0.1	<0.1	Conforms
Dissociate glucose %	≤0.1	<0.1	Conforms
odour	odourless	odourless	Conforms
Solubleness	soluble in water	soluble in water	Conforms
Appearance of solution	The solution should be clear	Conforms	Conforms
Color of solution	Absorbancy <0.010	0.006	Conforms
Melting point °C	158~163	159.3~160.9	Conforms
Specific rotation	(a) ²⁰ D=+186.0~+188.0°	187.29°	Conforms
PH(1%W/V)	2.0~2.5	2.3	Conforms
Loss on drying	≤0.5	0.17	Conforms
Ash %	≤0.2	0.01	Conforms
Heavy Metals(ppm)	≤10	<10	Conforms
Arsenic salt (ppm)	≤2	<2	Conforms
Total Plate Count(cfu/g)	≤100	<10	Conforms
Yeast and Molds	≤100cfu/g	<100cfu/g	Conforms
Heat-resisting E.Coli	Not detectable	Not detected	Conforms
Staphylococcus Aureus	Not detectable	Not detected	Conforms
Pseudomonas aeruginosa	Not detectable	Not detected	Conforms

QC MANAGER: Feng Li

ANALYST: Guo Shan

