

CERTIFICATE OF ANALYSIS


Name: **L-Ascorbic Acid 2-Glucoside**

Specification: Q/HBATK09-2015

Production No.: 20180607

Production Date: 2018-06-07

Expiry Date: 2020-06-06

Item	Specification	Results
Appearance	White crystalline powder	White powder
Assay	98%Min	99.6%
Melting point	158~163℃	158.2-159.1
Clarity of water solution	Transparency, colorless, none suspended matters	pass
Specific optical rotation	【α】 D ²⁰ = +186~188°	+187.7
Free ascorbic acid	≤0.1%	0.05%
Free glucose	≤0.1%	0.05%
Heavy metals	≤10ppm	pass
Arsenic	≤2ppm	pass
Loss on drying	≤1.0%	0.1%
Ignition residue	≤0.5%	0.1%
Pathogen	Bacteria: ≤300cfu/g Fungus: ≤100cfu/g	pass
Conclusion		pass