

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Ascorbic Acid 97% Granulation (SFC-97)
Batch No.:	230442009
Manufacture Date / Expiry Date:	NOV 26, 2023 / NOV 25, 2027
Shelf Life:	4 Years
Net/Gross Weight Per Package:	25.0kgs / 26.5kgs
Standard:	Inhouse Standards

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White to yellowish white fine granular powder	White fine granular powder
Identification	Positive Reaction	Positive
Starch	Negative	Negative
Assay	96.0% ~ 98.0%	96.97%
Loss On Drying (3g, 105°C, 2hr)	≤0.25%	0.12%
Residue On Ignition	≤0.1%	<0.1%
Loose Density	≥0.56 g/ml	0.64 g/ml
Tapped Density	≥0.64 g/ml	0.77 g/ml

Sieve Test

Analysis Item	Specification	Result
Through 20 Mesh	Min 95%	Pass
Through 100 Mesh	Max 20%	Pass

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	≤10 ppm	<10 ppm
Arsenic	≤1 ppm	<1 ppm
Lead	≤1 ppm	<1 ppm
Iron	≤2 ppm	<2 ppm
Mercury	≤1 ppm	<1 ppm
Cadmium	<1 mg/kg	<1 mg/kg

Microbiological Tests

Analysis Item	Specification	Result
Total Aerobic Microbial Count	≤ 500 CFU/g	<500 CFU/g
Moulds and Yeast Count	≤ 100 CFU/g	<100 CFU/g

The above-mentioned product conforms to Inhouse Standards.

Base Bulk