

BaseBulk

CERTIFICATE OF ANALYSIS

Product name	Copper Bisglycinate Chelate (27% Cu)
Batch / Lot number	QY-GAST20241121
Manufacturing date	2024-11-21
Expiration date	2027-11-20
Date of issue	2024-11-26

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Assay: Copper Glycinate	98%	99.37%
Assay: Copper	27%	Conforms
Appearance	Blue powder	Appearance
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Sieve	NLT 90% Through 80 mesh	Conforms
Loss on Drying	≤6.0%	3.04%
Bulk Density	≥0.80 g/ml	Conforms
Tapped Density	≥1.0 g/ml	Conforms

Heavy Metals

Analysis Item	Specification	Result
Total Heavy Metals	≤10 ppm	Colorimetry
Arsenic (As)	≤2 ppm	Conforms
Lead (Pb)	≤2 ppm	Conforms
Mercury (Hg)	<0.1 ppm	Conforms
Cadmium (Cd)	≤1 ppm	Conforms

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤1000 CFU/g	Conforms
Total Yeast & Mold	≤100 CFU/g	Conforms
E. coli	Negative	Negative
Salmonella	Negative	Negative

Packaging & Storage

Item	Details
Storage	Cool & dry place. Do not freeze. Keep away from strong light and heat.
Shelf life	36 months under the conditions above and in its original packaging.
Packaging	In double sealed PP bags, 10/25kgs Drum.

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