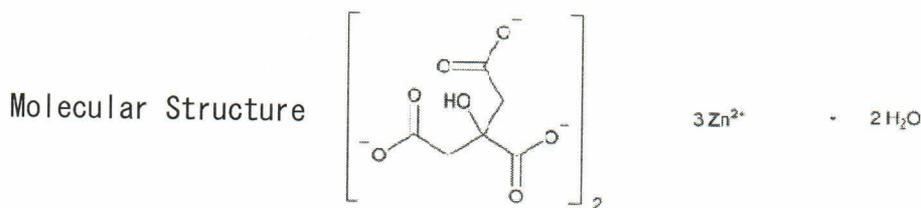




Batch no 202509007
 Mf date Sep 07 2025
 Retest Sep 06 2027



Molecular Formula $C_{12}H_{10}O_{14}Zn_3 \cdot 2H_2O$
 Molecular Weight 610.36
 CAS Registry Number 5990-32-9

Sep 24 2025

Tests	Specifications	Results
Appearance	White granular powder	Conforms
Solubility	Very slightly soluble in water, freely soluble in 2M nitric acid & 3M hydrochloric acid, practically insoluble in ethanol	Conforms
Identification	A, B	Positive
Sulfate	≤ 0.05%	< 0.05%
Chloride	≤ 0.05%	< 0.05%
Lead	≤ 10 ug/g	1.2 ug/g
Loss on drying (180°C, 6h)	≤ 1.0%	0.38%
Arsenic	≤ 3 ug/g	< 2 ug/g
Organic volatile impurities	Meets the requirements	Conforms
Cadmium	≤ 5 ug/g	< 5 ug/g
Microbial limits	Total aerobic count ≤ 1000 cfu/g Total molds & yeasts ≤ 100 cfu/g E. coli & Salmonella Absent	50 cfu/g 20 cfu/g Absent
Bulk density	Loose 0.65 ~ 0.85 g/cc Tapped 1.00 ~ 1.10 g/cc	0.82 g/cc 1.08 g/cc
Particle size	Thru 80 mesh > 80%	99.7%
Zinc content	≥ 31.3%	31.4%
Assay (odb)	≥ 98.5%	99.8%

Packaging & storage	Preserve in well-closed containers
Conclusion	Material complies with USP-NF2024