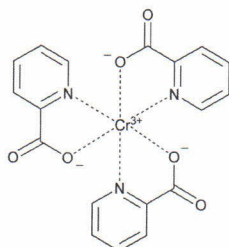




Batch no 20230624
Mf date Jun 24 2023
Retest Jun 23 2026

Molecular Structure



Molecular Formula $C_{18}H_{12}N_3O_6Cr$
Molecular Weight 418.30
CAS Registry Number 14639-25-9

Aug 10 2023

Tests	Specifications	Results
Appearance	Red crystalline free-flowing powder	Conforms
Solubility	Very slightly soluble in water and organic solvents	Conforms
Identification	IR & Test B	Positive
Odor & taste	Characteristic	Conforms
Loss on drying	$\leq 4.0\%$	0.8%
Lead (Pb)	≤ 1 ppm	0.6 ppm
Arsenic (As)	≤ 1 ppm	0.1 ppm
Cadmium (Cd)	≤ 1 ppm	0.1 ppm
Mercury (Hg)	≤ 0.1 ppm	< 0.1 ppm
Chloride (Cl)	$\leq 0.06\%$	Conforms
Sulfate (SO_4)	$\leq 0.2\%$	Conforms
Bulk density	0.5 ~ 0.7 g/mL	0.7 g/mL
Microbiological limit	Total plate count $\leq 1,000$ cfu/gr Yeasts & molds ≤ 100 cfu/gr E.coli Negative Salmonella Negative Staphylococcus Negative	10 cfu/gr < 10 cfu/gr Negative Negative Negative
Particle size	$\geq 100\%$ through 80 mesh	100%
Chromium	12.18 ~ 12.66%	12.31%
Assay (HPLC) odb	98.0 ~ 102.0% of $C_{18}H_{12}N_3O_6Cr$	99.3%

Packing & storage	Keep container tightly closed in a dry and well-ventilated place.
Conclusion	Material complies with USP43 & in house standard

