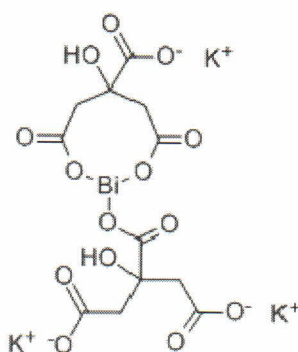


Batch no 10923090
Mf date Sep 20 2023
Retest Sep 19 2026

Molecular Structure



Molecular Formula $C_{12}H_{10}BiK_3O_{14}$
Molecular Weight 704.47
CAS Registry Number 57644-54-9

Aug 06 2025

Tests	Specifications	Results
Appearance	White powder, saltish, hygroscopic	White powder
Solubility	Very soluble in water, very slightly soluble in ethanol	Conforms
Identification	Tests A, B, C	Positive
pH	6.0 ~ 8.0	6.7
Potassium	10.8 ~ 13.2%	11.7%
Sulfate	≤ 0.04%	Conforms
Nitrate	Meets the requirements	Conforms
Loss on drying	≤ 5.0%	3.4%
Ammonia	2 ~ 6%	3%
Content (Bi ₂ O ₃) on dry basis	39.0 ~ 42%	40.5%
Packaging and storage	Preserve in tight containers	
Conclusion	Material complies with CP2020 & in house standard	