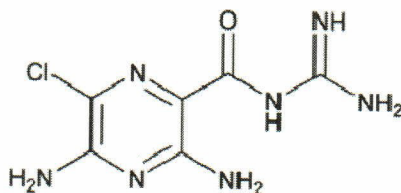




Batch no AR-2603250
 Mf date Mar 2026
 Expiry date Feb 2031

Molecular Structure



• HCl • 2 H₂O

Molecular Formula C₆H₈ClN₇O · HCl · 2H₂O
 Molecular Weight 302.12
 CAS Registry Number 17440-83-4

May 21 2026

Tests	Specifications	Results
Appearance	A pale yellow to greenish yellow powder	Conforms
Solubility	Slightly soluble in water & in anhydrous ethanol	Conforms
Identification	IR, TLC, test with Cetrimide, reaction of Chlorides	Positive
Free acids	≤ 0.3 mL of 0.1 M Sodium hydroxide is required to reach the end point	0.0343 mL
Related substances by HPLC	Impurity C ≤ 0.2%	0.07%
	Unspecified impurity ≤ 0.1%	0.05%
	Total impurities ≤ 0.4%	0.12%
	Disregard limits ≤ 0.05%	----
Water	11.0 ~ 13.0% on 0.2 g	11.85%
Sulphated ash	≤ 0.1%	0.04%
Assay (odb)	98.0 ~ 101.0%	100.45%

Packaging & storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with BP