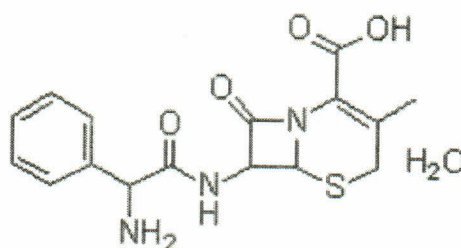


Batch no 12052510118
Mf date Oct 13 2025
Exp date Sep 2028
Batch size 485 kg

Molecular Structure



Molecular Formula $C_{16}H_{17}N_3O_4S \cdot H_2O$

Molecular Weight 365.40

CAS Registry Number 23325-78-2

Jan 22 2026

Tests	Specifications	Results
Appearance	White to off-white crystalline powder	Conforms
Identification	IR, UV	Positive
Specific rotation	+149 ~ +158°	+154°
Crystallinity	Meets the requirements	Conforms
Solubility	Meets the requirements	Conforms
pH	3.0 ~ 5.5	4.8
Water	4.0 ~ 8.0%	5.8%
N,N-Dimethylformamide	≤ 0.088%	ND
Residual solvents	Methanol	ND
	Acetone	0.008%
	Methylene chloride	ND
	Individual impurities	0.03%
Impurities	Total impurities	0.13%
Bulk density	----	0.50 g/ml
Tapped density	----	0.50 g/ml
Assay	950 ~ 1030 ug/mg	995 ug/mg

Packaging & storage	Preserve in tightly closed containers, storage in a cool and dry place.
Remarks	N,N-Dimethylaniline in this process is not utilized.
Conclusion	Material complies with USP-NF2023