

CEFIXIME TRIHYDRATE

Description	White to light yellow, crystalline powder
Solubility	Freely soluble in methanol, slightly soluble in acetone, practically insoluble in water
Specific optical rotation	-75° to -88°
pH	2.6 to 4.1
Water content	9.0 % - 12.0%
Bulk density	0.45 - 0.55 g/ml
Tapped density	0.6 - 0.7 g/ml
Potency (anhydrous basis)	970 - 1030 µg/mg
Each of impurities	N.M.T 1.0%
Total impurities	N.M.T 2.0%
Packaging	20 kg in double polyethylene bags in each carton box.
Storage	Preserve in tight containers below 15°C
Shelf Life	24 months

The Referred Material Complies with BP & USP

General properties

IUPAC Name

(6R,7R)-7-[[*(Z)*-2-(2-Aminothiazol-4-yl)-2-[(carboxymethoxy)imino]acetyl]amino]-3-ethenyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid trihydrate

MW: 507.5

Molecular Formula: C₁₆H₁₅N₅O₇S₂ · 3H₂O

Cas registry NO.: 79350-37-1

Indication

semi synthetic –cephalosporin 3d generation

Structure

