

CEPHALEXIN MONOHYDRATE COMPACT POWDER

Description	White to off-white granular powder
Solubility	Slightly soluble in water; practically insoluble in alcohol, in chloroform and in ether +149° to +158°
Specific optical rotation	3.0 - 5.5
pH	4.0 - 8.0%
Water content	N.L.T 0.5 g/ml
Bulk density	N.L.T 0.6 g/ml
Tapped density	98.0 - 101.0%
Assay	N.M.T 1.0%
Each of impurities	N.M.T 3.0%
Total impurities	N.D
N,N-Dimethyl aniline	25 kg in double polyethylene bags in each carton box.
Packaging	Preserve in tight container store below 30°C and dry place
Storage	24 months
Shelf Life	

The Referred Material Complies With BP & USP

General Properties

IUPAC Name

(6*R*,7*R*)-7-[[*(2R)*-2-Amino-2-phenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate

Molecular Weight: 365.41

Molecular Formula: C₁₆H₁₇N₃O₄S. H₂O

Cas registry NO.: 23325 – 78-2

Indication

Semi- synthetic broad spectrum cephalosporin

Structure

