

Certificate of Analysis

Catalogue Number
 KL-02-00493

Lot Number
 KLAG00020

Product Name
 Cefalexin EP Impurity B

Synonyms
 (6R,7R)-7-Amino-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic Acid; 7-Amino-3-deacetoxycephalosporanic Acid; Deacetoxycephalosporanic Acid; 7-ADCA

CAS Number
 22252-43-3

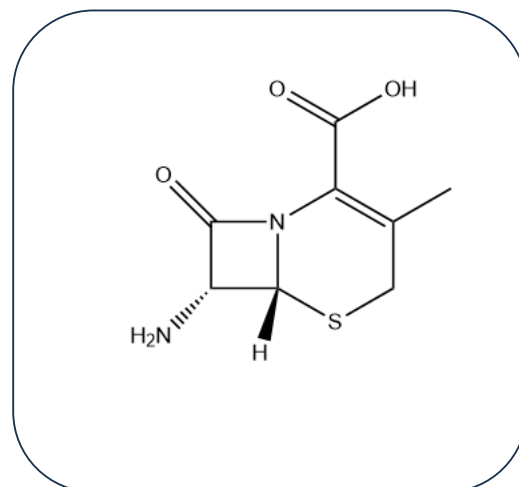
Molecular Formula
 $C_8H_{10}N_2O_3S$

Molecular Weight
 214.24 g/mol

Mfg. Date
 23-08-2025

Re-Test Date
 22-08-2030

Structure



Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Appearance of Product	: Pale Yellow to Pale Beige Solid	Purity by HPLC	: 99.58%
Solubility	: Aqueous Base (Slightly)	Potency	: 84.28%
^1H NMR	: Confirm	Mass	: Confirm
IR Analysis	: Confirm	Weight Content By TGA	: 0.293%
Residue of Ignition	: 15.063%		



Approved By B Kishore

Note: Use for research & analytical purpose only. Not for human consumption