

CERTIFICATE OF ANALYSIS

Reference Substance

Date

Cephalexin Impurity D**Batch No.:****IUPAC Name:** 3-hydroxy-4-methylthiophen-2(5H)-oneMolecular Formula: C₅H₆O₂S

Molecular Weight: 130.16

Sr.#	Test	Results	Data ref.
1	Appearance	Off White colour	-----
2	Purity by HPLC	99.76%	Chromatogram attached
3	MASS	Conform	Report attached
4	¹ H NMR	Conform	Report attached
5	IR	Conform	Report attached

Storage condition: Store at 2-8°C and protect from moisture and direct sunlight.**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

Date of manufacturing:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*