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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2022

Re-test Date: Jan 2025

Product Name: Glucosamine EP Impurity E

Identification:

Chemical Name: 5-(Hydroxymethyl)furan-2-carbaldehyde (as per EP)

Synonyms : 5-Hydroxymethylfurfural (EP)

CAS Number : 67-47-0

CAT Number : CP-G12004

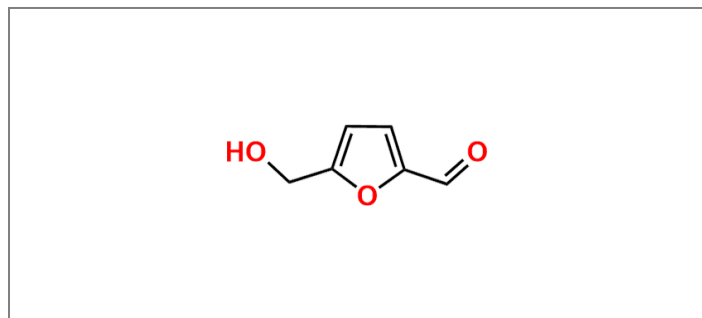
Molecular Formula : C₆H₆O₃

Molecular Weight : 126.11

Batch Number : CHEM-HMF-01

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow to Orange Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.39%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.