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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

Product Name: Ketoprofen EP impurity D

Identification:

Chemical Name: (2RS)-2-[3-(4-methylbenzoyl)phenyl]propanoic acid (as per EP)

Synonyms : Ketoprofen USP Related
Compound A

CAS Number : 107257-20-5

CAT Number : CP-K3004

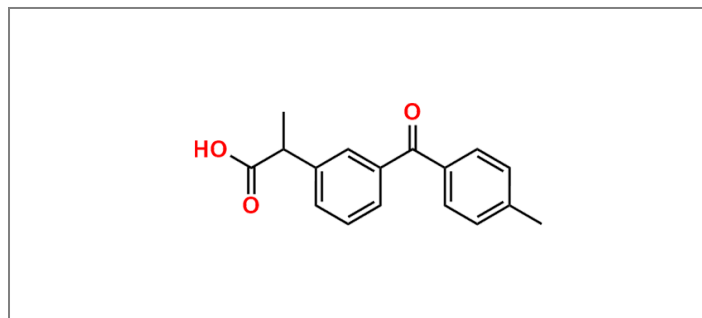
Molecular Formula : C₁₇H₁₆O₃

Molecular Weight : 268.31

Batch Number : CP-KET-D-0124

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	Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.88%
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.