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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2023

Re-test Date: Oct 2026

Product Name: Celecoxib EP Impurity A

Identification:

Chemical Name: 4-[5-(3-Methylphenyl)-3-trifluoromethyl-1H-pyrazol-1-yl]benzenesulfonamide

Synonyms : Celecoxib USP Related
Compound A ; Celecoxib 3-
Methyl Analog

CAS Number : 170570-01-1

CAT Number : CP-C13001

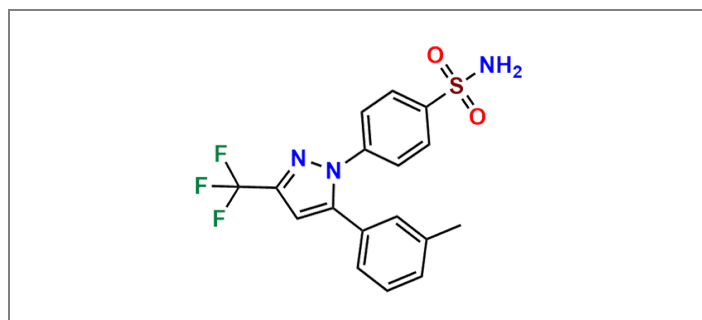
Molecular Formula : C₁₇H₁₄F₃N₃O₂S

Molecular Weight : 381.37

Batch Number : CHEM-CXB-A-0517-001

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.99%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	4.4 %
9)	Potency by TGA	94.63 %



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

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