

CERTIFICATE OF ANALYSIS

(Certificate No. KMC028010-02)

Release Date: 27/08/2025

Re-test Date: 26/08/2028

Celecoxib Related Compound B

Identification

Chemical Name :

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

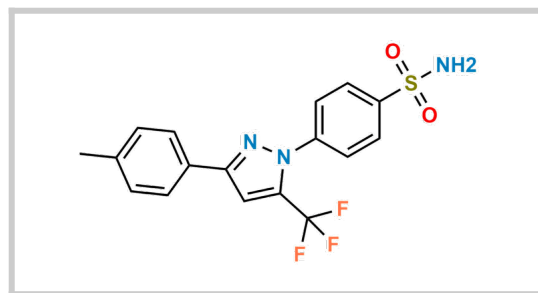
Alt. Name : Celecoxib USP Related Compound B

CAT No. : KMC028010

CAS No. : 331943-04-5

Molecular Formula : C₁₇H₁₄F₃N₃O₂S

Molecular Weight : 381.4



Analytical Information

Batch No. : C028010-102-240

Description : Off White Solid

HPLC Purity : 96.02 %

Weight Loss By TGA : 0.91 %

% Potency : 95.15 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.91(Weight Loss By TGA)] x [96.02(HPLC Purity)]/100 = 95.15 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/08/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA