CERTIFICATE OF ANALYSIS

(Certificate No. KMC028010-02)

Release Date: 27/08/2025 **Re-test Date:** 26/08/2028

Celecoxib Related Compund B

Identification

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

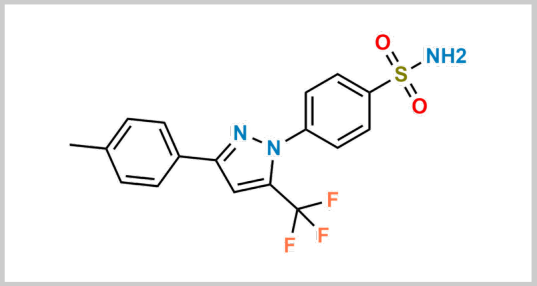
Alt. Name : Celecoxib USP Related Compound B

CAT No. : KMC028010

CAS No. : 331943-04-5

Molecular Formula : C17H14F3N3O2S

Molecular Weight : 381.4



Analytical Information

Batch No.	: C028010-102-240	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.02 %	**IR**	: Confirm
Weight Loss By TGA	: 0.91 %	**1H NMR**	: Confirm
% Potency	: 95.15 %		

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