CERTIFICATE OF ANALYSIS

(Certificate No. KMC028001-01)

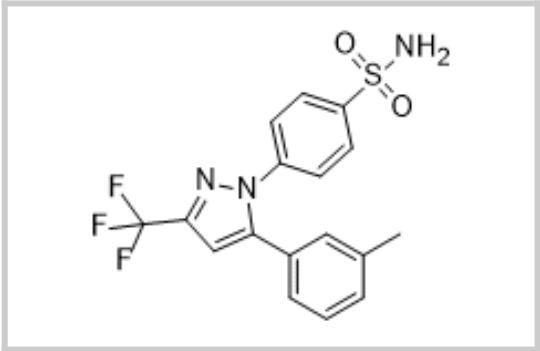
Release Date: 01/04/2024 **Re-test Date:** 31/03/2027

Celecoxib Related Compund A

Identification

Chemical Name :
4-(5-(m-tolyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl)benzenesulfonamide

Alt. Name	: Celecoxib USP Related Compound A , Celecoxib 3-Methyl Analog
CAT No.	: KMC028001
CAS No.	: 170570-01-1
Molecular Formula	: C17H14F3N3O2S
Molecular Weight	: 381.37



Analytical Information

Batch No.	: CEL-EPA-073-148	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.26 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 97.2 %		

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 - 0.06(Weight Loss By TGA)] x [97.26(HPLC Purity)]/100 = 97.2 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2025

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