

Analysis Date: 29-09-2025

Re-test Date: 29-09-2028

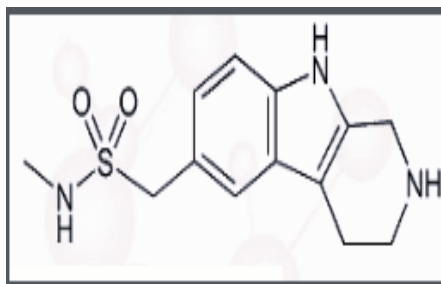
SUMATRIPTAN EP IMPURITY F

Identification
Chemical Name : N-methyl-1-(2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-6-yl)methanesulfonamide

CAT No : ALL-SUM-12

CAS No : 2074615-63-5

Molecular Formula : C₁₃H₁₇N₃O₂S

Molecular Weight : 279.36

Analytical Information

Batch Code	: ALL-SUM-12	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.55%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.266%	¹H NMR	: Confirm
Residue Of Ignition	: 0.187%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.266+0.187) × 98.00]/100 = 97.55%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr.Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office