

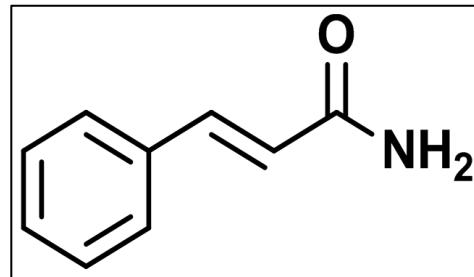
Analysis Date: 23-09-2024

Re-test Date: 23-09-2027

MITOMYCIN EP IMPURITY A

Identification

Chemical Name : (E)-3-Phenylprop-2-enamide

CAT No : ALL-MIT-2

CAS No : 621-79-4

Molecular Formula : C9H9NO

Molecular Weight : 147.17

Analytical Information

Batch Number	: ALL-MIT-2	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 95.71 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.483 %	1HNMR	: Confirm
Residue Of Ignition	: 0.849 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.483 + 0.849) \times 98.00] / 100 = 95.71\%$$

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

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