

Analysis Date: 15-05-2025

Re-test Date: 15-05-2028

AFLATOXIN M1

Identification

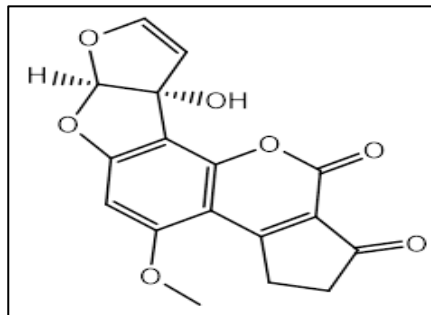
Chemical Name : (6aR,9aR)-9a-hydroxy-4-methoxy-2,3,6a,9a-tetrahydrocyclopenta[c]furo[3',2':4,5]furo[2,3-h]chromene-1,11-dione

CAT No : ALL-A08088

CAS No : 6795-23-9

Molecular Formula : C₁₇H₁₂O₇

Molecular Weight : 328.3



Analytical Information

Batch Code	: ALL-A08088	HPLC Purity	: 98.02%
Solubility	: MeOH: ACN	Potency	: 96.73%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.557%	¹H NMR	: Confirm
Residue Of Ignition	: 0.749%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =
[100 - (0.557+0.749 × 98.02)]/100 = 96.73%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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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