Certificate Of Analysis

Analysis Date: 15-05-2025 **Re-test Date:** 15-05-2028

AFLATOXIN G1

Identification

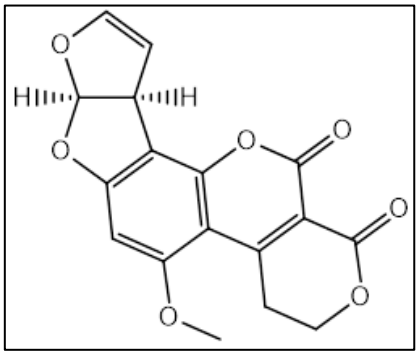
Chemical Name : (7aR,10aS)-5-Methoxy-3,4,7a,10a-tetrahydro-1H,12H-furo[3',2':4,5]furo[2,3-h]pyrano[3,4-c]chromene-1,12-dione

CAT No : ALL-A08086

CAS No : 1165-39-5

Molecular Formula : C17H12O7

Molecular Weight : 328.3



Analytical Information

Batch Code	: ALL-A08086	**HPLC Purity**	: 98.08%
Solubility	: MeOH: ACN	**Potency**	: 96.39%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.758%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.960%		

Additional Information

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

[100 – (0.758+0.960× 98.08]/100 = 96.39%

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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