

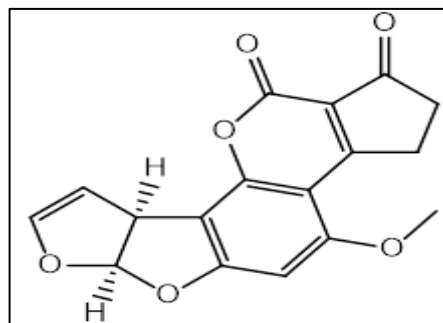
Analysis Date: 15-05-2025

Re-test Date: 15-05-2028

AFLATOXIN B1

Identification

Chemical Name	: (6aR,9aS)-4-Methoxy-2,3,6a,9a-tetrahydrocyclopenta[c]furo[3',2':4,5]furo[2,3-h]chromene-1,11-dione
CAT No	: ALL-A08084
CAS No	: 1162-65-8
Molecular Formula	: C ₁₇ H ₁₂ O ₆
Molecular Weight	: 312.3



Analytical Information

Batch Code	: ALL-A08084	HPLC Purity	: 98.01%
Solubility	: MeOH: ACN	Potency	: 96.37%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.711%	¹ H NMR	: Confirm
Residue Of Ignition	: 0.953%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.711 + 0.953 \times 98.01)] / 100 = 96.37\%$$

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203