

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-12 16:57:28
Date of Next Testing: 2028-01-11 16:57:28
Product Name: **Aflatoxin M1**
CAS Number: 6795-23-9
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: A2408277
SKU #: **A139552**
Version: **3**
Analysis #: **305259**
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Purity(TLC,RPC18, methanol: H2O 90:10)	98-100 (%)	98.12000 %
Purity(TLC,NP, CH2Cl2: Acetone 70: 30)	98-100 (%)	98.47000 %
λ max,228, 264, 360nm	Conforms	Conforms
Proton NMR spectrum	Conforms to	Conforms to Structure
Appearance (A139552)	off-white powder	White to off-white to slight yellow powder or solid
Solubility in CH2CL2 , Clear colorless solution at 1mg/ml	pass	Pass
Solubility in CHCL3/MeOH (1/1) , Colorless to Yellow,Clear,1.00 - 1.10 mg/ml	pass	Pass



John Su
QA & QC Manager