

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-21 15:06:16  
Date of Next Testing: 2025-12-20 15:06:16  
Product Name: **Lipopolysaccharides from Escherichia coli O111:B4**  
CAS Number: 53481793  
Specifications & Purity: purified by phenol extraction  
Lot #: L2220468  
SKU #: **L384562**  
**Analysis: 163781**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Protein Content (Lowry-TCA)	0-3 (%)	2.30 %
potency	≥500000 (EU/mg)	3000000.00 EU/mg
Appearance(L384562)	Off-White to Faint Yellow to Tan Powder	Off-White to Faint Yellow to Tan Powder



John Su  
QA & QC Manager