

## Certificate of Analysis

Date of Testing: 2023-08-25 17:00:04  
Date of Next Testing: 2027-08-24 17:00:04  
Product Name: **Lipopolysaccharides from Escherichia coli O55:B5**  
CAS Number: L118716  
Specifications & Purity: purified by phenol extractio  
Lot #: H2316433  
SKU #: **L118716**  
**Analysis: 256881**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Protein Content (Lowry-TCA)	0-3 (%)	2.41 %
potency	≥500000 (EU/mg)	3000000.00 EU/mg
Appearance (L118716)	off-white to tan lyophilized powder	off-white to tan lyophilized powder
Solubility in H <sub>2</sub> O , Faint Hazy to Hazy,4.90 - 5.10 mg/ml	pass	Pass



John Su  
QA & QC Manager