

Certificate of Analysis

Date of Testing: 2024-09-05 15:36:17
Date of Next Testing: 2026-09-05 15:36:17
Product Name: **Monophosphoryl Lipid A (Synthetic)**
CAS Number: 1246298-63-4
Specifications & Purity: 99%
Lot #: L2203216
SKU #: **M130160**
Version: **0**
Analysis #: **407468**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis	10.1-10.7 (%)	10.43 %
Oxygen by Elemental Analysis	19.4-20.2 (%)	19.94 %
Nitrogen by Elemental Analysis	2.1-2.6 (%)	2.38 %
Phosphorus by Elemental Analysis	1.5-2 (%)	1.75 %
Carbon by Elemental Analysis	63.9-65.6 (%)	65.32 %
Purity(HPLC)	99-100 (%)	99.99000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager