

Certificate of Analysis

Date of Testing: 2022-08-20 13:01:23

Date of Next Testing: 2024-08-19 13:01:23

Product Name: **Monophosphoryl Lipid A (Synthetic)**

CAS Number: 1246298-63-4

Specifications & Purity: 99%

Lot #: H2217496

SKU #: **M130160**

Analysis: **119557**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Hydrogen by Elemental Analysis	10.1-10.7 (%)	10.40 %
Oxygen by Elemental Analysis	19.4-20.2 (%)	20.00 %
Nitrogen by Elemental Analysis	2.1-2.6 (%)	2.40 %
Phosphorus by Elemental Analysis	1.5-2 (%)	1.80 %
Carbon by Elemental Analysis	63.9-65.6 (%)	65.30 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager