

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Monophosphoryl Lipid A (Synthetic)(MPLA)**  
Specifications & Purity: **≥99%**  
SKU #: **M130160**

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