

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-05 10:58:48
Date of Next Testing: 2026-12-04 10:58:48
Product Name: **O-Phospho-L-threonine**
CAS Number: 1114-81-4
Specifications & Purity: 95%
Lot #: K2324449
SKU #: **L332880**
Analysis: 294035
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.18 %
specific rotation $[\alpha]_{20/D}(9.00 - 11.00 \text{ mg/ml NH}_4\text{OH } 1\text{N})$	-20.60~-18.60 (°)	-18.84000°
Appearance(L332880)	white powder	White powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager