

Certificate of Analysis

Date of Testing: 2023-12-05 10:50:48

Date of Next Testing: 2026-12-04 10:50:48

Product Name: **O-Phospho-L-threonine**

CAS Number: 1114-81-4

Specifications & Purity: 95%

Lot #: K2324446

SKU #: **L332880**

Analysis: **294035**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.18 %
specific rotation [α] _{20/D} (9.00 - 11.00 mg/ml NH ₄ OH 1N)	-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