

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-09 10:54:56
 Date of Next Testing: 2028-11-08 10:54:56
 Product Name: **N-(2,4-Dinitrophenyl)-DL-threonine**
 CAS Number: 14401-07-1
 Specifications & Purity: $\geq 97\%$
 Lot #: K2404534
 SKU #: **N159424**
 Version: **1**
 Analysis #: **414203**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	100.00 %
Melting point	150-158 (°C)	154.01000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Acetone})$	-2~2 (°)	-0.40 °
Appearance(N159424)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager