

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-29 10:20:58

Date of Next Testing: 2026-08-28 10:20:58

Product Name: **TVP1022**

CAS Number: 185517-74-2

Specifications &amp; Purity: 98% (HPLC)

Lot #: H2323387

SKU #: **T168127**Analysis: **246615**

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.16 %
Specific rotation $[\alpha]_{20/D}(C=1.3 \text{ chloroform})$	-12~-10 (°)	-11.90000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager