

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 15:46:53

Date of Next Testing: 2029-09-08 15:46:53

Product Name: **Thiomichler's ketone**

CAS Number: 1226-46-6

Specifications & Purity: $\geq 97\%$

Lot #: I2503734

SKU #: **T119383**

Version: **1**

Analysis #: **574185**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.60000 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	97.51000 %
Melting point	202-206 (°C)	202.10000 °C
Appearance (T119383)	Red to deep red to deep purple to dark blue to black powder to crystal	Red to deep red to deep purple to dark blue to black powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager