

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 13:16:13

Date of Next Testing: 2028-12-23 13:16:13

Product Name: **Thiamphenicol**

CAS Number: 15318-45-3

Specifications & Purity: Moligand™, ≥99%

Lot #: L2423502

SKU #: **T111415**

Version: **1**

Analysis #: **003706**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	21.6-23 (%)	21.62000 %
Nitrogen by Elemental Analysis	3.3-4.4 (%)	3.59000 %
Melting point	164-168 (°C)	165.16000 °C
Carbon by Elemental Analysis	39.1-40.9 (%)	40.88000 %
Specific rotation [α] _{20/D} (C=5 in DMF)	-24~-21 (°)	-22.50400 °
Purity(HPLC)	99-100 (%)	99.00400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager