

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-13 11:52:55
 Date of Next Testing: 2029-03-12 11:52:55
 Product Name: **Thiamphenicol**
 CAS Number: 15318-45-3
 Specifications & Purity: Moligand™, ≥99%
 Lot #: F2116226
 SKU #: **T111415**
 Version: **1**
 Analysis #: **479228**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	21.6-23 (%)	21.60000 %
Nitrogen by Elemental Analysis	3.3-4.4 (%)	3.50000 %
Purity(HPLC)	99-100 (%)	99.00000 %
Melting point	164-168 (°C)	165.10000 °C
Carbon by Elemental Analysis	39.1-40.9 (%)	40.80000 %
Specific rotation $[\alpha]_{20/D}(C=5 \text{ in DMF})$	-24--21 (°)	-22.00000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager