

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-04 11:13:20

Date of Next Testing: 2030-07-03 11:13:20

Product Name: **Thiamphenicol**

CAS Number: 15318-45-3

Specifications & Purity: Moligand™, ≥99%

Lot #: G2601524

SKU #: **T111415**Version: **1**Analysis #: **709178**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.3-4.4 (%)	3.96700 %
Purity(HPLC)	99-100 (%)	99.11700 %
Melting point	164-168 (°C)	165.80000 °C
Carbon by Elemental Analysis	39.1-40.9 (%)	40.21100 %
Specific rotation [α] _{20/D} (C=5 in DMF)	-24--21 (°)	-23.26900 °
Oxygen by Elemental Analysis	21.6-23 (%)	21.89000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager