

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 18:16:54

Date of Next Testing: 2029-04-16 18:16:54

Product Name: **Lawesson reagent**

CAS Number: 19172-47-5

Specifications & Purity: $\geq 97\%$

Lot #: D2503430

SKU #: **L101823**

Version: **5**

Analysis #: **476326**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	220-226 (°C)	225.62000 °C
Sulfur by Elemental Analysis	28-32 (%)	31.66100 %
Purity(HPLC)	97-100 (%)	99.95500 %
Appearance (L101823)	off-white to yellow to light brown powder or solid	off-white to yellow to light brown powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager