

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 17:35:01
 Date of Next Testing: 2028-12-04 17:35:01
 Product Name: **Lawesson reagent**
 CAS Number: 19172-47-5
 Specifications & Purity: $\geq 97\%$
 Lot #: L2404119
 SKU #: **L101823**
 Version: **5**
 Analysis #: **085702**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	220-226 (°C)	224.95000 °C
Purity(Iodometric Titration)	97-102.5 (%)	101.58000 %
Sulfur by Elemental Analysis	28-32 (%)	31.86000 %
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