

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-10 19:25:06

Date of Next Testing: 2027-04-09 19:25:06

Product Name: **luminol**

CAS Number: 521-31-3

Specifications & Purity: Moligand™, ≥98%

Lot #: D2306586

SKU #: **L105655**

Version: **0**

Analysis #: **158476**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	22.9-24.6 (%)	23.39400 %
Carbon by Elemental Analysis(anhydrous)	52.3-56.1 (%)	53.48600 %
Purity(Neutralization titration)	98-100 (%)	99.32500 %
Loss on drying	0-5 (%)	4.28571 %
Purity(HPLC)	98-100 (%)	98.88200 %
Appearance (L105655)	White to Yellow to Orange to Brown Powder/Crystals	White to Yellow to Orange to Brown Powder/Crystals
Sensitiveness	passe test	passe test
Solubility in DMSO , Colorless to Green to Brown, Clear to Hazy, 50 mg/mL	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager