

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-23 13:50:43

Date of Next Testing: 2026-09-22 13:50:43

Product Name: **luminol**

CAS Number: 521-31-3

Specifications & Purity: Moligand™, ≥98%

Lot #: I2216435

SKU #: **L105655**

Version: **0**

Analysis #: **118678**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	22.9-24.6 (%)	23.27000 %
Carbon by Elemental Analysis(anhydrous)	52.3-56.1 (%)	52.66000 %
Purity(Neutralization titration)	98-100 (%)	99.32000 %
Loss on drying	0-5 (%)	0.40400 %
Purity(HPLC)	98-100 (%)	98.74500 %
Appearance (L105655)	White to Yellow to Orange to Brown Powder/Crystals	White to Yellow to Orange to Brown Powder/Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness	passe test	passe test
Solubility in DMSO , Colorless to Green to Brown, Clear to Hazy, 50 mg/mL	Conforms	Conforms



John Su
QA & QC Manager