

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-21 16:49:05

Date of Next Testing: 2026-11-20 16:49:05

Product Name: **Inosine**

CAS Number: 58-63-9

Specifications & Purity: Moligand™, ≥98%

Lot #: K2217967

SKU #: **I104348**

Version: **0**

Analysis #: **148619**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-53--50 (°)	-51.62800 °
Ignition Residue	0-0.1 (%)	0.03420 %
Heavy metal (as Pb)	0-10 (ppm)	3.55800 ppm
Loss on drying	0-1 (%)	0.41500 %
Purity(HPLC)	98-100 (%)	98.01100 %
Appearance (I104348)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Solution transparent	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager