

Certificate of Analysis

Date of Testing: 2025-03-14 13:20:05

Date of Next Testing: 2027-03-14 13:20:05

Product Name: **IR 783**

CAS Number: 115970-66-6

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C2512521

SKU #: **I157644**

Version: **1**

Analysis #: **463243**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Lambda max	779-784 (nm)	782.00 nm
Purity(with Total Nitrogen)(calcd.on anh.substance)	97.5-102.5 (%)	99.02100 %
Absorbance(E1%1cm)(MeOH, 779.0 to 784.0 nm)	≥ 3650	3651.00
Appearance (I157644)	Green to Brown to Red-Brown Powder or crystals	Green to Brown to Red-Brown Powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager