

Certificate of Analysis

Date of Testing: 2025-03-12 14:48:07

Date of Next Testing: 2027-03-12 14:48:07

Product Name: **IR 783**

CAS Number: 115970-66-6

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

Lot #: E2324248

SKU #: **I157644**

Version: **1**

Analysis #: **480425**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Absorbance(E1%1cm)(MeOH, 779.0 to 784.0 nm)	≥ 3650	3720.00
Purity(HPLC)	98-100 (%)	98.07180 %
Lambda max	779-784 (nm)	782.00 nm
Purity(with Total Nitrogen)(calcd.on anh.substance)	97.5-102.5 (%)	97.51800 %
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