

Certificate of Analysis

Date of Testing: 2025-04-10 18:48:31

Date of Next Testing: 2028-04-09 18:48:31

Product Name: **Indigo carmine (C.I. 73015)**

CAS Number: 860-22-0

Specifications & Purity: Suitable for Analysis

Lot #: D2503285

SKU #: **I434279**

Version: **2**

Analysis #: **487789**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Loss on drying(110°C)	0-10 (%)	0.00 %
Absorption Maximum (in H ₂ O)	608-612 (nm)	610.00000 nm
Miscellaneous Assay(Spec. Absorptivity A 1%/1cm(0.01 g/L;water)	380-475	442.71845
Purity(HPLC)	≥85 (%)	100.00000 %
Thin Layer Chromatography	Passes Test	Passes test
Identity(UV/VIS-spectrum)	pass	Pass



John Su
QA & QC Manager