

Certificate of Analysis

Product Name Indigo Carmine (C.I. 73015)
Glentham Code GT4851
CAS Number 860-22-0
EINECS 212-728-8
Colour Index 73015
MDL Number MFCD00005723
PubChem SID 310275190
Batch Number 746LPA

Molecular Weight 466.36
Molecular Formula $C_{16}H_8N_2Na_2O_8S_2$
Storage Temp. +20°C



Property	Specification	Batch 746LPA
Physical Description	Blue to dark purple powder	Dark blue powder
Solubility (1% in water)	Clear, blue to dark blue solution	Conforms
pH Transition Range	11.5 - 14.0 (blue to yellow)	Conforms
Loss on Drying	≤ 5.0%	1.80%
Dye Content	≥ 85.0% (anhydrous basis)	96.47%

Specification Version v1.0
Manufacture Date 2013-03-16
Re-Test Date 2025-12-11

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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