

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-23 11:14:01

Date of Next Testing: 2027-04-22 11:14:01

Product Name: **Indigotin**

CAS Number: 482-89-3

Specifications & Purity: $\geq 97\%$

Lot #: D23142352

SKU #: **I104186**

Version: **0**

Analysis #: **042744**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Extinction Coefficient(λ :599 - 605 nm)(in CHCL3)	≥ 8000	9351.29100
Extinction Coefficient(λ :282- 291 nm)(in CHCL3)	≥ 13500	16216.81100
Purity(HPLC)	97-100 (%)	97.01000 %
Carbon by Elemental Analysis	69.5-73.7 (%)	69.50100 %
Nitrogen by Elemental Analysis	9.9-11.2 (%)	9.90100 %
Appearance (I104186)	Dark Blue to Purple powder	Dark Blue to Purple powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager