

## Certificate of Analysis

Date of Testing: 2025-08-07 17:47:25

Date of Next Testing: 2029-08-06 17:47:25

Product Name: **Indigotin**

CAS Number: 482-89-3

Specifications & Purity:  $\geq 97\%$

Lot #: H2501617

SKU #: **I104186**

Version: **0**

Analysis #: **536227**

Storage Temperature: Desiccated

| Parameter                                                  | Limit Values               | Result                     |
|------------------------------------------------------------|----------------------------|----------------------------|
| Purity(HPLC)                                               | 97-100 (%)                 | 97.19800 %                 |
| Carbon by Elemental Analysis                               | 69.5-73.7 (%)              | 71.48 %                    |
| Nitrogen by Elemental Analysis                             | 9.9-11.2 (%)               | 10.24 %                    |
| Extinction Coefficient( $\lambda$ :282- 291 nm)(in CHCL3)  | $\geq 13500$               | 13501.00                   |
| Extinction Coefficient( $\lambda$ :599 - 605 nm)(in CHCL3) | $\geq 8000$                | 10159.12                   |
| Appearance (I104186)                                       | Dark Blue to Purple powder | Dark Blue to Purple powder |
| Infrared spectrum                                          | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager