



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

|                         |  |
|-------------------------|--|
| <b>Product Name</b>     | <b>ALKALI BLUE INDICATOR [1324-76-1]</b> |
| <b>Code No.</b>         | <b>B-00102</b>                           |
| <b>Batch No.</b>        | <b>BC12241075</b>                        |
| <b>Mfg.Date</b>         | <b>DEC-2024</b>                          |
| <b>Date of Analysis</b> | <b>14/12/2024</b>                        |
| <b>Retest Date</b>      | <b>NOV-2029</b>                          |

| <b>TEST</b>  | <b>SPECIFICATION</b>                  | <b>RESULT</b>         |
|--|---------------------------------------|-----------------------|
| Appearance   | Brownish black powder                 | Brownish black powder |
| Transition range   | pH 11.5 - pH 13.0<br>Violet- wine red | Complies              |
| Absorption maxima at pH 4.0  | 585 - 590 nm                          | 588 nm                |
| Absorptivity (A 1% /1 cm; at $\lambda_{max}$ ; on dried substance) | Min 600                               | 750                   |
| Loss on drying (at 110°C; 1 hr)                                    | Max 5.0%                              | 2.25%                 |

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)