

## Certificate of Analysis

Date of Testing: 2024-03-06 16:54:44

Date of Next Testing: 2028-03-05 16:54:44

Product Name: **Rhodamine B**

CAS Number: 81-88-9

Specifications & Purity: AR

Lot #: C2401042

SKU #: **R104960**

Version **0**

Analysis #: **179252**

| Parameter                                        | Limit Values               | Result                     |
|--------------------------------------------------|----------------------------|----------------------------|
| Loss on drying                                   | 0-10 (%)                   | 5.90 %                     |
| Specific abs. A (1%/1cm)( $\lambda$ max.)        | $\geq 1700$                | 1705.00                    |
| Absorpt. Ratio P-15/P+15                         | 1.1-1.6                    | 1.45                       |
| Appearance (R104960)                             | dark green to black powder | dark green to black powder |
| Infrared spectrum                                | Conforms to Structure      | Conforms to Structure      |
| $\lambda$ max, 549 – 558 nm (IMS:water = 50:50 ) | Conforms                   | Conforms                   |



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