

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-07 14:07:54

Date of Next Testing: 2029-01-06 14:07:54

Product Name: **Rhodamine B**

CAS Number: 81-88-9

Specifications &amp; Purity: AR

Lot #: A2503393

SKU #: **R104960**Version: **0**Analysis #: **459264**

| Parameter                                        | Limit Values               | Result                     |
|--------------------------------------------------|----------------------------|----------------------------|
| Loss on drying                                   | 0-10 (%)                   | 2.00 %                     |
| Specific abs. A (1%/1cm)( $\lambda$ max.)        | $\geq 1700$                | 2038.00                    |
| Absorpt. Ratio P-15/P+15                         | 1.1-1.6                    | 1.13                       |
| 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                   |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager