

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-16 14:46:47

Date of Next Testing: 2029-07-15 14:46:47

Product Name: **Phloxine B**

CAS Number: 18472-87-2

Specifications & Purity: AR, Dye content ≥80%

Lot #: J2113613

SKU #: **P102688**

Version: **0**

Analysis #: **540966**

Storage Temperature: Room temperature

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Loss on drying(105°C)                       | 0-10 (%)              | 3.87600 %             |
| Specific abs. A                             | 875-1300              | 1230.00000            |
| Purity(UV method)(calcd.on anh.substance)   | 80-100 (%)            | 84.84000 %            |
| λ max(in 50:50 METHS:H2O)                   | 546-550 (nm)          | 547.00000 nm          |
| Absorpt. Ratio P-15/P+15                    | 1.38-2.24             | 1.68500               |
| Appearance (P102688)                        | red to brown powder   | red to brown powder   |
| Infrared spectrum                           | Conforms to Structure | Conforms to Structure |
| Solubility,Red clear solution(1 mg/mL, H2O) | pass                  | Pass                  |



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QA & QC Manager