

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| Date of Testing:         | 2025-09-17 14:14:35                                     |
| Date of Next Testing:    | 2027-09-17 14:14:35                                     |
| Product Name:            | <b>Resorufin-<math>\beta</math>-D-galactopyranoside</b> |
| CAS Number:              | 95079-19-9                                              |
| Specifications & Purity: | $\geq 95\%$                                             |
| Lot #:                   | I2508413                                                |
| SKU #                    | <b>R131357</b>                                          |
| Version                  | <b>1</b>                                                |
| Analysis #:              | <b>565575</b>                                           |
| Storage Temperature:     | Store at -20°C                                          |

| Parameter            | Limit Values          | Result                |
|----------------------|-----------------------|-----------------------|
| Purity(HPLC)         | 95-100 (%)            | 99.50000 %            |
| Loss on drying       | 0-0.3 (%)             | 0.20000 %             |
| Ignition Residue     | 0-0.3 (%)             | 0.20000 %             |
| Appearance (R131357) | Orange to Red powder  | Orange to Red powder  |
| Proton NMR spectrum  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager