

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-14 14:56:58

Date of Next Testing: 2027-03-04 14:56:58

Product Name: **m-Cresol purple**

CAS Number: 2303-01-7

Specifications & Purity: indicator

Lot #: F2305926

SKU #: **C112776**

Version: **0**

Analysis #: **481921**

Storage Temperature: Room temperature

| Parameter                                                              | Limit Values          | Result                |
|------------------------------------------------------------------------|-----------------------|-----------------------|
| $\lambda$ max                                                          | 432-436 (nm)          | 434.00000 nm          |
| Carbon by Elemental Analysis                                           | $\geq 58(\%)$         | 66.93800 %            |
| Absorbance(10 mg/L, pH 7.0, 432.0 to 436.0 nm)                         | $\geq 0.36$           | 0.43400               |
| Appearance (C112776)                                                   | Powder                | Powder                |
| Infrared spectrum                                                      | Conforms to Structure | Conforms to Structure |
| PH Transition interval,(red)1.2 ~2.8(yellow), (yellow)7.4 ~9.0(purple) | Conforms              | Conforms              |



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