

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 09:35:31

Date of Next Testing: 2027-12-11 09:35:31

Product Name: **Primuline**

CAS Number: 8064-60-6

Specifications & Purity: Dye content  $\geq 50\%$

Lot #: L2405068

SKU #: **P304698**

Version: **1**

Analysis #: **128687**

Storage Temperature: Room temperature

| Parameter                                                        | Limit Values                                          | Result                                                |
|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Carbon                                                           | 26-53 (%)                                             | 30.53300 %                                            |
| Nitrogen                                                         | 4-9 (%)                                               | 5.00800 %                                             |
| Absorbance(E1%1cm,H <sub>2</sub> O,340.0 to $\geq 250$ 360.0 nm) |                                                       | 399.33330                                             |
| Appearance(P304698)                                              | Light yellow to Amber to Dark green powder to crystal | Light yellow to Amber to Dark green powder to crystal |
| Infrared spectrum                                                | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager