

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-25 10:15:54

Date of Next Testing: 2026-10-15 10:15:54

Product Name: **Xylene Cyanol FF**

CAS Number: 2650-17-1

Specifications & Purity: Suitable for molecular biology

Lot #: J2421267

SKU #: **X105504**

Version: **0**

Analysis #: **416281**

Storage Temperature: Room temperature

| Parameter                                               | Limit Values              | Result                    |
|---------------------------------------------------------|---------------------------|---------------------------|
| $\lambda$ max                                           | 613-616 (nm)              | 614.00000 nm              |
| Absorbance(E1%1cm) (H <sub>2</sub> O, 613.0 - 616.0 nm) | ≥950                      | 950.00000                 |
| Dye Content                                             | 75-100 (%)                | 93.90000 %                |
| Appearance (X105504)                                    | Blue-Grey to Green Powder | Blue-Grey to Green Powder |
| DNases                                                  | none detected             | none detected             |
| Dyeing test                                             | pass                      | Pass                      |
| RNases                                                  | none detected             | none detected             |
| Solubility, Dark Blue, 1mg/ml H <sub>2</sub> O          | pass                      | Pass                      |



John Su  
QA & QC Manager