

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-19 17:29:03  
Date of Next Testing: 2024-09-08 17:29:03  
Product Name: **Xylene Cyanol FF**  
CAS Number: 2650-17-1  
Specifications & Purity: for molecular biology  
Lot #: L2007122  
SKU #: **X105504**  
**Analysis:** **136749**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
$\lambda$ max	613-616 (nm)	615.28 nm
Absorbance(E1%1cm) (H <sub>2</sub> O, 613.0 - 616.0 nm)	$\geq 950$	955.36
Dye Content	75-100 (%)	93.58%
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