



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-15 16:20:04

Date of Next Testing: 2029-08-14 16:20:04

Product Name: **Brilliant Yellow**

CAS Number: 3051-11-4

Specifications & Purity: indicator

Lot #: K2103607

SKU #: **B109621**Version: **1**Analysis #: **554976**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
$\lambda_{\max}$ (0.01mol/L NaOH sol.)	488-494 (nm)	491.00000 nm
Dye Content	80-100 (%)	98.49000 %
E1%,1cm(Wavelength 486-494 nm,C=0.005 g/l 0.1 N NaOH)	≥ 810	1470.00000
Appearance (B109621)	Orange to Very Dark Orange Powder	Orange to Very Dark Orange Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,6.5(Yellow)-8.0(Orange to Red- Orange)	Conforms	Conforms

John Su
QA & QC Manager