

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 09:15:56
 Date of Next Testing: 2029-07-16 09:15:56
 Product Name: **Tartrazine**
 CAS Number: 1934-21-0
 Specifications & Purity: $\geq 95\%$ (HPLC)
 Lot #: G2516663
 SKU #: **T102075**
 Version: **0**
 Analysis #: **544652**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
$\lambda_{\max}$ (AcONH ₄ solution)	426-430 (nm)	427.00000 nm
Purity(HPLC)	95-100 (%)	96.37600 %
Loss on drying	0-10 (%)	2.15700 %
Appearance (T102075)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to Yellow-Orange, Clear, 10 mg/ml	pass	Pass



John Su
QA & QC Manager