

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 16:16:21

Date of Next Testing: 2028-12-06 16:16:21

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: L2407023

SKU #: **T102075**

Version: **0**

Analysis #: **140939**

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 (%)	99.74800 %
Loss on drying	0-10 (%)	4.31927 %
Appearance (T102075)	orange powder	orange powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to Yellow-Orange, Clear, 10 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager