

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 16:09:15
 Date of Next Testing: 2026-09-19 16:09:15
 Product Name: **Tartrazine**
 CAS Number: 1934-21-0
 Specifications & Purity: $\geq 85\%$
 Lot #: K1830164
 SKU #: **T102059**
 Version: **0**
 Analysis #: **137423**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.9-10.8 (%)	9.05700 %
Carbon by Elemental Analysis	30.6-36.5 (%)	31.92000 %
Dye Content	85-100 (%)	98.28420 %
Appearance (T102059)	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