

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-29 15:04:50

Date of Next Testing: 2028-09-28 15:04:50

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 85\%$

Lot #: I2429007

SKU # **T102059**

Version **0**

Analysis #: **075034**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	30.6-36.5 (%)	31.01000 %
Dye Content	85-100 (%)	95.47900 %
Nitrogen by Elemental Analysis	8.9-10.8 (%)	8.91000 %
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