

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-16 11:56:09

Date of Next Testing: 2026-02-15 11:56:09

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 85\%$

Lot #: D1826219

SKU #: **T102059**

Version: **0**

Analysis #: **073963**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.9-10.8 (%)	9.09000 %
Carbon by Elemental Analysis	30.6-36.5 (%)	31.95000 %
Dye Content	85-100 (%)	98.28470 %
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