

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-18 09:29:33

Date of Next Testing: 2026-07-17 09:29:33

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 87\%$

Lot #: I1813040

SKU #: **T102073**

Version: **0**

Analysis #: **113765**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
subsidiary colours	0-1 (%)	0.20600 %
Mercury(Hg)	0-1 (ppm)	0.46200 ppm
free aromatic amines	0-0.01 (%)	0.00503 %
135°Cvolatile matter	0-13 (%)	5.69800 %
Aromatic Hydrocarbon	0-0.5 (%)	0.26500 %
Insoluble matter in H ₂ O	0-0.2 (%)	0.14600 %
Heavy metal (as Pb)	0-10 (ppm)	3.72000 ppm
Dye Content	87-100 (%)	87.25600 %
(Pb)Lead	0-10 (ppm)	3.81600 ppm
(As)Arsenic	0-3 (ppm)	2.09000 ppm
Cadmium(Cd)	0-1 (ppm)	0.28600 ppm
Appearance (T102073)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager