

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-16 09:34:50
 Date of Next Testing: 2029-06-15 09:34:50
 Product Name: **Tartrazine**
 CAS Number: 1934-21-0
 Specifications & Purity: $\geq 87\%$
 Lot #: J2126635
 SKU #: **T102073**
 Version: **0**
 Analysis #: **529067**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
subsidiary colours	0-1 (%)	0.49600 %
Mercury(Hg)	0-1 (ppm)	0.34800 ppm
free aromatic amines	0-0.01 (%)	0.00340 %
135°Cvolatile matter	0-13 (%)	6.49600 %
Aromatic Hydrocarbon	0-0.5 (%)	0.19600 %
Insoluble matter in H ₂ O	0-0.2 (%)	0.16700 %
Heavy metal (as Pb)	0-10 (ppm)	5.99800 ppm
Dye Content	87-100 (%)	94.45000 %
(Pb)Lead	0-10 (ppm)	2.99800 ppm
(As)Arsenic	0-3 (ppm)	1.34000 ppm
Cadmium(Cd)	0-1 (ppm)	0.67800 ppm
Appearance (T102073)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager