

Certificate of Analysis

Date of Testing: 2023-08-01 14:41:50

Date of Next Testing: 2027-07-31 14:41:50

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: 85%

Lot #: L1523076

SKU #: **T102059**

Analysis: **258144**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.9-10.8 (%)	9.08 %
Carbon by Elemental Analysis	30.6-36.5 (%)	31.98 %
Dye Content	85-100 (%)	98.26 %
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