

Certificate of Analysis

Date of Testing: 2024-01-23 14:21:50

Date of Next Testing: 2028-01-22 14:21:50

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 85\%$

Lot #: A2417093

SKU #: **T102059**

Version: **0**

Analysis #: **075034**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	30.6-36.5 (%)	31.01 %
Dye Content	85-100 (%)	95.48 %
Nitrogen by Elemental Analysis	8.9-10.8 (%)	8.91 %
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