

Certificate of Analysis

Date of Testing: 2024-02-26 11:45:48

Date of Next Testing: 2028-02-25 11:45:48

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: >95%(HPLC)

Lot #: D2027100

SKU #: **T102075**

Analysis: **323481**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
$\lambda_{\max}$ (AcONH ₄ solution)	426-430 (nm)	428.00 nm
Purity(HPLC)	95-100 (%)	99.51000 %
Loss on drying	0-10 (%)	4.63 %
Appearance (T102075)	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