

Certificate of Analysis

Date of Testing: 2025-09-13 14:41:01

Date of Next Testing: 2029-09-12 14:41:01

Product Name: **Tartrazine**

CAS Number: 1934-21-0

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: I2506077

SKU # **T102075**

Version **0**

Analysis #: **140939**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
$\lambda_{\max}$ (AcONH ₄ solution)	426-430 (nm)	427.00 nm
Purity(HPLC)	95-100 (%)	99.74800 %
Loss on drying	0-10 (%)	4.32 %
Appearance (T102075)	orange powder	orange powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to Yellow-Orange,Clear,10 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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