

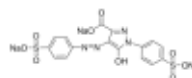
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Product Specification

Product Name:
Tartrazine - Dye content $\geq 85\%$

Product Number: **T0388**
CAS Number: 1934-21-0
MDL: MFCD00148908
Formula: $C_{16}H_9N_4Na_3O_9S_2$
Formula Weight: 534.36 g/mol



TEST	Specification
Appearance (Color)	Orange
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Carbon	30.6 - 36.5 %
Nitrogen	8.9 - 10.8 %
Dye Content	≥ 85
Solubility (Color)	Yellow to Yellow-Orange
Solubility (Turbidity) 10 mg/mL, H ₂ O	Clear
E1% in H ₂ O	435 - 500
Wavelength	425 - 429 nm
Recommended Retest Period 4 years	-----

Specification: PRD.1.ZQ5.10000038122

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.