

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Tartrazine

Synonym	: Acid Yellow 23
Molecular Formula	: C ₁₆ H ₉ N ₄ Na ₃ O ₉ S ₂
Molecular Weight	: 534.36
CAS No.	: 1934-21-0
Shelf Life	: 5 years

Technical Specification

Appearance	:	Orange 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%	:	435 - 500 in H ₂ O
Wavelength	:	425 - 429 nm