



Specifications

Tartrazine

Catalog Number: TR1014
C.I. Number: 19140
CAS Number: 1934-21-0
Synonyms: Acid Yellow 23
Molecular Formula: $C_{16}H_9N_4O_9S_2Na_3$
Molecular Weight: 534.37
Storage: 15°C – 30°C

Test	Specification
Appearance:	Orange powder
Identification:	Conforms to structure and standard
Lambda max:	425 nm (In Water)
Dye content:	> 80.0
Water-insoluble Matter:	0.20% maximum
Subsidiary Dyes:	1.00% maximum
Heavy metals (as Pb) (mg/kg):	40.00 maximum
Arsenic (mg/kg):	3.00 maximum
Lead (mg/kg):	10.00 maximum
Mercury (mg/kg):	1.00 maximum
Cadmium (mg/kg):	1.00 maximum

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

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