



Specifications

Tropaeolin O

Catalog Number: TO1002
C.I. Number: 14270
CAS Number: 547-57-9
Synonyms: Acid Orange 6
Molecular Formula: $C_{12}H_9N_2NaO_5S$
Molecular Weight: 316.27
Storage: 15°C – 30°C

Test	Specification
Appearance:	Dark-orange to rust-colored powder
Lambda max:	490nm (in 0.1N Sodium Hydroxide)
Dye content:	~65%
Visual Transition Interval	From pH 11.0 (yellow) To pH 12.7 (red)
Solubility: (10mg/ml 1N NH ₄ OH)	Clear, red brown solution

Approved by:

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