



Specification

Orange G Certified

Catalog Number:	OG1002
CAS Number:	1936-15-8
C.I.#	16230
Synonym(s):	1-Phenylazo-2-naphthol-6,8-disulfonic acid disodium salt, 7-Hydroxy-8-phenylazo-1,3-naphthalenedisulfonic acid disodium salt, Acid Orange 10, Wool Orange 2G
Molecular Formula:	$C_{16}H_{10}N_2Na_2O_7S_2$
Molecular Weight:	452.37
Storage:	15°C – 30°C
Retest Period:	Five years from the date of manufacture

Test	Specification
Appearance	Orange powder
Dye Content	~90%
Absorptivity (1%, □ max 478.8)	≥ 440
Spectroscopy	Report
Solubility (0.1%)	Clear orange solution
Moisture (LOD)	≤ 10%
Staining Performance	Wilson-Ezrin method for staining pituitary acidophils Flemming's KI violet stain on plant material Counterstain vs Heidenhains regressive hematoxylin

All lots meet the standards of the Biological Stain Commission.

Approved:

Date: June 20, 2019

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com