



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

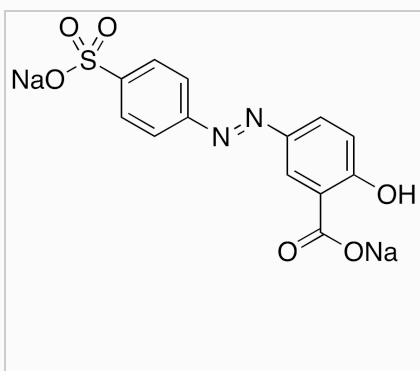
Catalogue Number: M635000

CAS Number: 6054-99-5

Product: Mordant Yellow 10 (Technical Grade)

Synonym: 2-Hydroxy-5-[2-(4-sulfophenyl)diazenyl]benzoic Acid Disodium Salt; 2-Hydroxy-5-[(4-sulfophenyl)azo]benzoic Acid Disodium Salt; C.I. Mordant Yellow 10 Disodium salt; Acid Chrome Yellow; Acid Mordant Dark Yellow GG; Acid Mordant Yellow 2G; Acidic Medium Dark Yellow GG; C.I. 14010; Chrome Yellow 2J; Chrome Yellow DF; Chrome Yellow K; Cromal Yellow S; Diacromo Yellow 2G; Durochrome Yellow 2G; Eniacromo Yellow GR; Fast Chrome Yellow GD; Hispacrom Yellow 2GS; Kenachrome Yellow MD; Lighthouse Chrome Ye

Structure:



Molecular Formula:

$C_{13}H_8N_2Na_2O_6S$

Molecular weight:

366.26

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated),
Methanol (Slightly, Heated)

Lot Number: 5-HBN-88-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Orange to Dark Orange Solid	Dark Orange Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	263 nm, 354 nm

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	12/10/2020	12/8/2027
				