



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

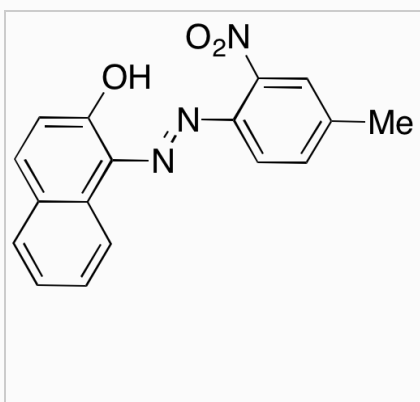
Catalogue Number: T536220

CAS Number: 2425-85-6

Synonym: 1-[(4-Methyl-2-nitrophenyl)azo]-2-naphthalenol;; C.I. Pigment Red 3; 1-(4-Methyl-2-nitrophenylazo)-2-naphthol; 1-(o-Nitro-p-tolylazo)-2-naphthol; 1-[(2-Nitro-4-methylphenyl)azo]-2-naphthol; 2-Nitro-p-toluidine-2-naphthol; ADC Toluidine Red B; Accosperse Toluidine Red XL; Atlasol Spirit Red 3; C.I. 12120; C.P. Toluidine Toner A 2989; C.P.; Calcotone Toluidine Red YP; Carnelio Helio Red; Chromatex Red J; D and C Red No. 35; Dainichi Permanent Red 4R; Deep Fastona Red; Duplex Toluidine Red L 20-314

Product: Toluidine Red

Structure:



Molecular Formula:

C₁₇H₁₃N₃O₃

Molecular weight:

307.3

Source of Product:

N/A

Solubility:

Chloroform (Slightly, Heated),
DMSO (Slightly), Toluene
(Very Slightly)

Lot Number: 1-YJK-6-1

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Dark Red Solid	Red to Dark Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	303 nm, 508 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 ± 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	4/7/2020	4/5/2027
				