



## CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA

Tel: (416) 665-9696, Fax: (416) 665-4439

Email: orders@trc-canada.com Website: www.trc-canada.com

### 1. Identification

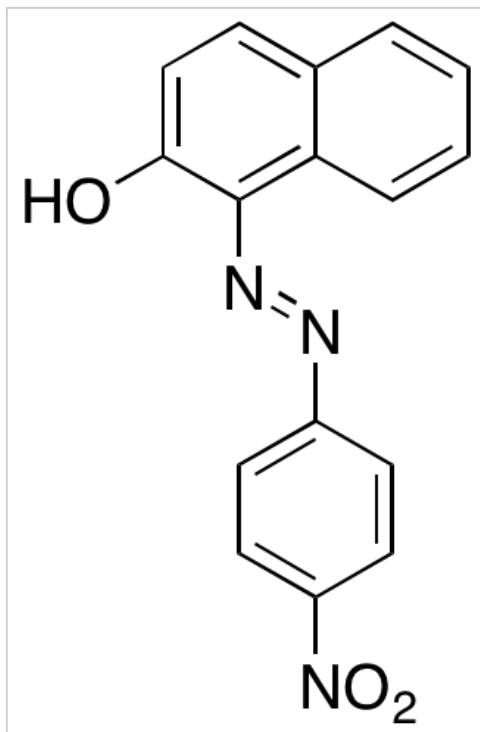
**Catalogue Number:** P191975

**CAS Number:** 6410-10-2

**Product:** Para Red

**Synonym:** C.I. Pigment Red 1 (7CI,8CI); 1-(2-Hydroxynaphthyl)-4'-nitroazobenzene; 1-[(4-Nitrophenyl)azo]-2-naphthol; 1-[(p-Nitrophenyl)azo]-2-naphthol; C.I. 12070; C.P. Britelite Toner RP 9; C.P. Para Toner Light RP 2; Carnelio Para Red BS; Carnelio Para Red YS; Conc. Para Red; Conc. Para Red YS; Dainichi Para Red Toner; Duplex Para Red XD 20-2900; Eljon Para Red; Federal Red; Isol Para Red B; Kromon Para Red BS; Kromon Para Red YS; Label Red; Lacal Red GN; Lake Red 2R; Lake Red PN; Lutetia Red B; Luteti

**Structure:**



**Molecular Formula:**

$C_{16}H_{11}N_3O_3$

**Molecular weight:**

293.28

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly)

**Lot Number:** 3-JLW-3-1

**Purity:** 97%

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

**Storage Condition:** Amber Vial, Refrigerator

### 2. Warning

**Warning 1:** Light Sensitive

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

**Tests:**

**Specifications:**

**Results:**

Appearance

Red Solid

Red Solid

NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
UV Absorbance	Report Result	328 nm, 486 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.**

#### 4. Signatures

**Reviewed By**

Eric Beaton



**Reviewed By**

Toni Rantanen

**C of A Approved By**

My Nguyen



**Test Date**

4/14/2020

**Retest Date**

4/12/2024