



CERTIFICATE OF ANALYSIS

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1. Identification

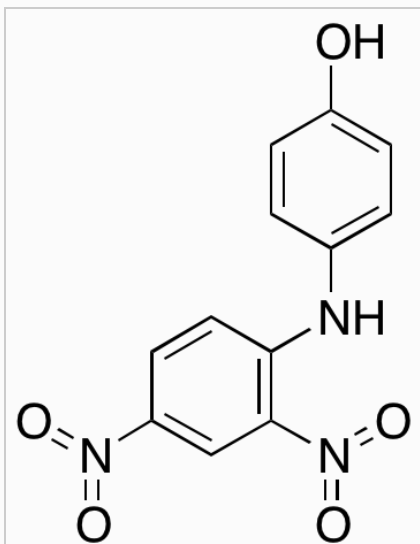
Catalogue Number: D495323

CAS Number: 119-15-3

Synonym: 4-[(2,4-Dinitrophenyl)amino]phenol ; 2,4-Dinitro-4'-hydroxydiphenylamine; 4-(2,4-Dinitroanilino)phenol; 4-Hydroxy-2',4'-dinitrodiphenylamine;; 4'-Hydroxy-2,4-dinitrodiphenylamine; Acetamine Yellow 2R; Acetoquinone Light Yellow 2RZ; Amacel Yellow RR; C.I. 10345; C.I. Disperse Yellow 1; C.I. Solvent Yellow 52; Celliton Fast Yellow RR; Celliton Fast Yellow RRA-CF; Cilla Fast Yellow RR; Disperse Fast Yellow 2K; Disperse Yellow 1 Disperse Yellow 2G Disperse Yellow R; Disperse Yellow Stable 2K; Disper

Product: Disperse Yellow 1 (Technical Grade)

Structure:



Molecular Formula:

$C_{12}H_9N_3O_5$

Molecular weight:

275.22

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711766565-1-2

Purity: Technical Grade

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	243 nm, 263 nm, 355 nm
Appearance	Orange to Very Dark Red Solid	Red to Dark Red Solid

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
swathi reddy	Toni Rantanen	Christina Gouliaras	7/12/2023	7/10/2027
				