



## CERTIFICATE OF ANALYSIS

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### 1. Identification

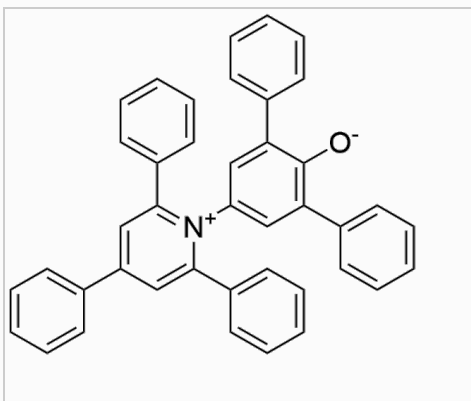
**Catalogue Number:** R225240

**CAS Number:** 10081-39-7

**Product:** Reichardt's Dye (Technical Grade)

**Synonym:**

**Structure:**



**Molecular Formula:**

$C_{41}H_{29}NO$

**Molecular weight:**

551.68

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly), Ethyl Acetate (Slightly, Sonicated), Methanol (Slightly)

**Lot Number:** 20-JPO-183-1

**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:
Appearance	Dark Green to Very Dark Grey Solid	Dark Green to Very Dark Grey Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	196 nm, 204 nm, 306 nm
FT-IR	Conforms to Structure	Conforms

**Additional Information:** Contains: ~2.2% Ethyl Acetate

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
Nicole Yip	Toni Rantanen	Chanell Chu	9/13/2021	9/11/2025
				