



## 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

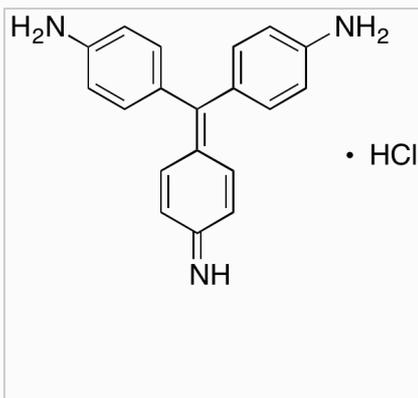
**Catalogue Number:** P193268

**CAS Number:** 569-61-9

**Synonym:** C.I. Basic Red 9, Monohydrochloride; Para Magenta; Basic Parafuchsine; Basic Red 9; C.I. 42500; C.I. Basic Red 9; Calcozine Magenta N; Fuchsine DR 001; Fuchsine SP; Fuchsine SPC; NSC 10460; Orient Para Magenta Base; Parafuchsin; Parafuchsine; Pararosanine; Pararosanine chloride; p-Fuchsin; p-Fuchsine; p-Rosaniline Hydrochloride; 4-[(4-Aminophenyl)(4-imino-2,5-cyclohexadien-1-ylidene)methyl]-benzenamine Monohydrochloride; 4,4'-[(4-Imino-2,5-cyclohexadien-1-ylidene)methylene]bis-benzenamine Mo

**Product:** Pararosanine Hydrochloride

**Structure:**



**Molecular Formula:**

$C_{19}H_{17}N_3 \cdot HCl$

**Molecular weight:**

287.36+(36.46)

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly, Sonicated),  
Ethanol (Very Slightly),  
Methanol (Slightly, Sonicat

**Lot Number:** 1-SAM-31-1

**Purity:** 97%

**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 Green Solid
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

**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**

Henry Tieu



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

Chanell Chu



**Test Date**

7/29/2021

**Retest Date**

7/27/2025