

## Certificate of Analysis

Product Name:

Pararosaniline hydrochloride

Product Number:

P3750

Batch Number:

SHBR8330

Brand:

SIAL

CAS Number:

569-61-9

MDL Number:

MFCD00001657

Formula:

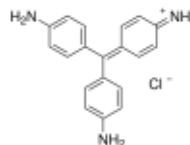
C<sub>19</sub>H<sub>17</sub>N<sub>3</sub> · HCl

Formula Weight:

323.82 g/mol

Quality Release Date:

12 JUN 2024



Test	Specification	Result
Appearance (Color)	Green to Very Dark Green	Very Dark Green
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Solubility (Turbidity)	Conforms	Conforms
Clear to Opaque		
c = 1mg/ml; Ethanol		
Solubility (Color)	Conforms	Conforms
Red to Purple		
Carbon	59.9 - 81.0 %	66.9 %
Nitrogen	11.0 - 14.9 %	12.3 %
Wavelength	543 - 549 nm	546 nm
c = 0.003g/L; 50% Ethanol		
Extinction Coefficient	≥ 80000	91899
Wavelength	286 - 292 nm	289 nm
Extinction Coefficient	≥ 17000	18345
Purity (HPLC)	≥ 85 %	95 %

Larry Coers, Director  
Quality Control  
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

