

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Basic Fuchsin - certified by the Biological Stain Commission, Dye content  $\geq 88\%$ 

Product Number:

**857343**

CAS Number:

569-61-9

MDL:

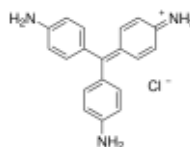
MFCD00001657

Formula:

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

Formula Weight:

323.82 g/mol



### TEST

### Specification

Appearance (Color)	Green to Dark Green
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength c = 0.003g/l; 50% Ethanol	543 - 549 nm
Extinction Coefficient	$\geq 85000$
Wavelength	287 - 291 nm
Extinction Coefficient	$\geq 17000$
Wavelength	235 - 239 nm
Extinction Coefficient	$\geq 11000$
Biological Stain Commission Commission Certified Number:	Pass
Dye Content	$\geq 88\%$

Specification: PRD.1.ZQ5.10000034579

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.