

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Acid Fuchsin calcium salt - certified by the Biological Stain Commission, Dye content ≥ 60 %

Product Number:

857408

CAS Number:

123334-10-1

MDL:

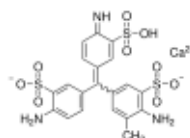
MFCD00001654

Formula:

C₂₀H₁₇CaN₃O₉S₃

Formula Weight:

579.64 g/mol



TEST	Specification
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Appearance (Form)

Conforms to Requirements

Powder or Crystalline Powder

Infrared spectrum

Conforms to Structure

Wavelength

541 - 548 nm

C= 0.01g/l in H₂O + 2.5ml 0.1N HCl

Extinction Coefficient

 ≥ 50000

Wavelength

285 - 291 nm

Extinction Coefficient

 ≥ 12000

Wavelength

207 - 213 nm

Extinction Coefficient

 ≥ 40000

Biological Stain Commission

Pass

Commission Certified Number:

Dye Content

 ≥ 60 %

Carbon

 ≥ 28.5 %

Nitrogen

 ≥ 5.0 %

Calcium (Ca)

 ≥ 4.7 %

% Calcium by ICP Assay

Specification: PRD.3.ZQ5.10000045028

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. 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.

