

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Calcein – Used for the fluorometric determination of calcium and EDTA titration of calcium in the presence of magnesium.

Product Number:

C0875

CAS Number:

154071-48-4

MDL:

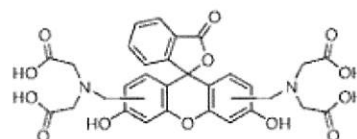
MFCD00005049

Formula:

C₃₀H₂₆N₂O₁₃

Formula Weight:

622.53 g/mol



TEST

Specification

Appearance (Color)

Yellow to Brown

Appearance (Form)

Powder

Solubility (Color)

Orange to Brown

Solubility (Turbidity)

Clear

50 mg/mL, 1 M NaOH

Nitrogen

4.2 - 4.8 %

Suitability

Suitable

Suitable for fluorometric determination of Ca.

Suitability

Suitable

Suitable for EDTA titration of Ca in the presence of Mg.

Specification: PRD.2.ZQ5.10000007529



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.