

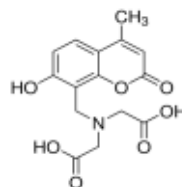
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## Product Specification

Product Name:  
Calcein Blue

Product Number: **M1255**  
CAS Number: 54375-47-2  
MDL: MFCD00006867  
Formula: C<sub>15</sub>H<sub>15</sub>NO<sub>7</sub>  
Formula Weight: 321.28 g/mol



### TEST

### Specification

Appearance (Color)	White to Light Yellow
Appearance (Form)	Powder
Solubility (Color)	Light Yellow to Dark Yellow and Light Orange to Dark Orange
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, 1 M NaOH	
Carbon	54.5 - 56.5 %
Nitrogen	4.0 - 4.6 %
Suitability	Suitable
for use as an indicator for EDTA titrations	
<sup>1</sup> H NMR Spectrum	Conforms to Structure

Specification: PRD.2.ZQ5.10000040193

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.