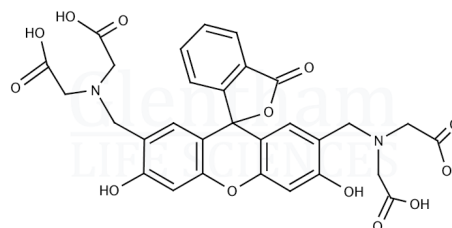


Certificate of Analysis

Product Name Calcein
Glentham Code GK2524
CAS Number 154071-48-4
EINECS 215-957-1
MDL Number MFCD00005049
PubChem SID 310269198
Additional CAS 1461-15-0
Batch Number 521RHV

Molecular Weight 622.53
Molecular Formula $C_{30}H_{26}N_2O_{13}$
Storage Temp. +20°C



Property	Specification	Batch 521RHV
Physical Description	Yellow to orange or brown powder	Yellow powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in 0.1M NaOH)	Clear, orange to brown solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	490.0 - 500.0 nm	496.4 nm
Absorptivity (1%/1cm)	≥ 800 (at λ_{max})	1031
Loss on Drying	$\leq 10.0\%$	3.97%
Suitability for Calcium Determination	To pass test	Conforms
Suitability for EDTA titration of Ca in presence of Mg	To pass test	Conforms

Specification Version v1.1
Manufacture Date 2021-06-04
Re-Test Date 2030-03-10

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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