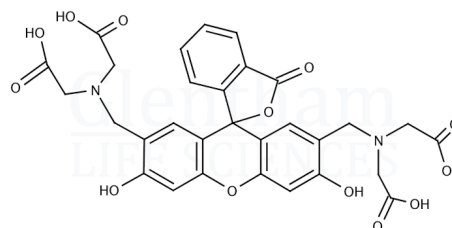


## Product Specification

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

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



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

Specification Version	- v1.1
Date Created	- 2016-05-26

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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