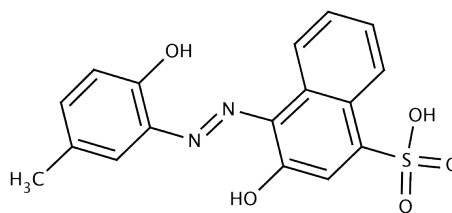


Product Specification

Product Name : Calmagite
Glentham Code : GT2244
CAS Number : 3147-14-6
EINECS : 221-563-0
MDL Number : MFCD00011656
PubChem SID : 310269238

Molecular Weight : 358.37
Molecular Formula : C₁₇H₁₄N₂O₅S
Storage Temp. : +20°C



Property	Specification
Physical Description	Brown to dark brown or black powder
Solubility (0.1% in water)	Clear, red solution
pH Transition Range	7.1 - 9.1 (red to blue)
Wavelength of Maximum Absorption (λ_{max})	605 - 615 nm
Absorptivity (1%/1cm)	≥ 300 (in NH ₃ buffer, at λ_{max})
Loss on Drying	$\leq 10.0\%$ (110°C)
Suitability as a metal indicator	To pass test

Specification Version : v1.0
Date Created : 2017-08-23

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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