

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Fluorescein complexon

Synonym	: Calcein
Molecular Formula	: C ₃₀ H ₂₆ N ₂ O ₁₃
Molecular Weight	: 622.53
CAS No.	: 1461-15-0
Shelf Life	: 5 years

Technical Specification

Appearance	: Yellow to brown powder
Solubility	: 10 ppm in 1M NaOH yields orange to brown clear solution
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima	: 494 - 504 nm (10 ppm in 1M NaOH)
Loss on drying (at 110°C, 2hr)	: ≤ 7.00%
Suitability test	: Suitable for fluorometric determination of Ca