



## UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. Palghar,INDIA.  
Tel.: ++91-22-22019990 ; 2205 2250; E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com  
AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### Fluorescein complexon

Synonym	: Calcein
Molecular Formula	: C <sub>30</sub> H <sub>26</sub> N <sub>2</sub> O <sub>13</sub>
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