

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	22820
<b>Lot Number</b>	000331-41462
<b>Product</b>	<b>Calcein</b>

Fluorexon

<b>CAS Number</b>	1461-15-0
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>26</sub> N <sub>2</sub> O <sub>13</sub>

<b>Molecular Weight</b>	622.54
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<b>Appearance</b>	Orange-yellow powder
<b>Solubility</b>	Clear solution (50 mg/mL in 1M NaOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	5.86% (110°C, 1hr)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Absorptivity 1%/1cm, at $\lambda_{\max}$ 492 nm = 1177
<b>Suitability</b>	Suitable for fluorometric determination of Calcium and for EDTA indicator of Calcium in the presence of Magnesium.
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**