



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Fluorescein

Molecular Formula	:C ₂₀ H ₁₂ O ₅
Molecular Weight	: 332.31
CAS No.	: 2321-07-5
Shelf Life	:5 years

Technical Specification

APPEARANCE	: ORANGE TO RED-BROWN OR MAROON POWDER
INFRARED	: SPECTRUM CONFORMS TO STRUCTURE AND STANDARD.
UV-VISIBLE SPECTRUM	: 0.003G/L, 0.01N NAOH E(490 +/- 2 NM) = >70,000 E(284 +/- 2 NM) = >12,000 E(238 +/- 2 NM) = >39,000
TITRATION	: 94.5%-105.5% (WITH NAOH)
SOLUBILITY	:1MG/ML 1N NAOH; CLEAR ORANGE-GREEN TO ORANGE BROWN SOLUTION
SOLUBILITY	:50MG/ML, 1N NAOH; CLEAR TO OPAQUE ORANGE TO ORANGE-GREEN OR ORANGE BROWN SOLUTION