



Specification

4',5'-Dibromofluorescein

Catalog Number: DF1002
CAS Number: 596-03-2
C.I. Number: 45370:1
Synonyms: Solvent Red 72
Molecular Formula: C₂₀H₁₀Br₂O₅
Molecular Weight: 490.12
Storage: 15°C – 30°C

| Test | Specification |
|---|--|
| Description | Orange powder |
| Identification | Conforms to structure and standard |
| Dye content | ~95% |
| Melting Point | 270-275 Deg. C (lit.) |
| Lambda max. | 450nm in methanol |
| Loss on drying @100 deg.C | 5.0% maximum |
| Solubility 10 mg/ml, 0.5N NH ₄ OH (heat) | Clear yellow to slightly dark Orange solution |

Approved:

Date: February 17, 2020

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