

3136 – 2, 7 DICHLORO FLUORESCEIN, AR GRADE

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| REF NO: TBL/QA/SS/LC/3136 | STANDARD SPECIFICATION FOR 2, 7 DICHLORO FLUORESCEIN, AR GRADE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 12/11/2024 |
| Issue Date:13/11/2021 | | Product code: 3136 |

PRODUCT PROPERTIES

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| C.A.S Number | 76-54-0 |
| Chemical Formula | C ₂₀ H ₁₀ Cl ₂ O ₅ |
| Formula weight | 401.2 |
| Functional Uses | 2',7'-Dichlorofluorescein has been used as an oxidation-sensitive fluorescent probe to measure ROS (reactive oxygen species) formation in cells. |
| Standard Packaging | 10 gm |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------------------------|
| Appearance | Light brown crystalline powder. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Melting Point | 280°C |
| Assay | NLT – 90.0% |

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

