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Certificate of Analysis

Product **55091 - Fluorescein Sodium Salt (C.I. No. 45350) - [518-47-8]**
Batch No **4247971**
Analysis Date 12-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029
Molecular Formula C₂₀H₁₀Na₂O₅
Molecular Weight 376.28

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange red to green brown to dark brown	Orange red
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 2% aq. hot solution	Clear	Clear
pH (2% aq. solution)	7.0 - 9.0	8.25
Loss on drying	max 10%	4.2%
Absorbance (A) of 1% solution (pH 8.0) in a 1cm cell v/s buffer @490nm	1950 - 2150	2019.6
Chloride (Cl)	max. 0.2%	Passes
Sulphate (SO ₄)	max. 0.2%	Passes
Acriflavin	Passes test	Passes
Resorcinol	Passes test	Passes

FRM/82/11/4/55091 Rev No. 3 Date 29/05/2021

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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