



CERTIFICATE OF ANALYSIS

PRODUCT NAME : FLUORESCEIN SODIUM

CAS No : 518-47-8
Mol. Formula : $C_{20}H_{10}Na_2O_5$
Mol. WT : 376.28
Date of analysis : 01/08/24

Product code : 31735
Batch No : MCR 28643-01
Mfd. : Aug. 2024
Exp. : July 2029

S.R	Test	Specification	Observation
1	Description	Orange-red or green-brown or dark brown powder.	Orange red powder.
2	pH (2% aq. Solution)	7 - 9	8.24
3	Wavelength λ_{max}	490 – 492 nm	491.2 nm
4	Absorptivity (A1%, 1 cm in Buffer pH 8.0 at λ_{max})	990 - 1100	1040
5	Dye content	min. 90%	90.12%
6	Loss on drying	max. 8%	3.81%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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