

CERTIFICATE OF ANALYSIS

PRODUCT NAME : FLUORESCEIN SODIUM

CAS No	: 518-47-8	Product code	: 31735
Mol. Formula	: C ₂₀ H ₁₀ Na ₂ O ₅	Batch No	: MCR-9831-06
Mol. WT	: 376.28	Mfd.	: Oct. 2023
Date of analysis	: 27/10/23	Exp.	: Sept. 2028

S.R	Test	Specification	Observation
1	Description	Orange-red to green-brown to dark brown powder.	Orange red powder.
2	pH (2% aq. Solution)	7 - 9	7.19
3	Wavelength λ_{max}	490 – 492 nm	491 nm
4	Absorptivity (A1%, 1 cm in Buffer pH 8.0 at λ_{max})	min. 1700	1758.89
5	Dye content	min. 90%	90.27%
6	Loss on drying	max. 8%	2.19%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Ruchi)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.