



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 : 21/10/21

Product code : 31735
Batch No : MCR-9831-05
Mfd. : Oct. 2021
Exp. : Sept. 2026

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	7.18
3	Wavelength λ_{max}	490 – 492 nm	490 nm
4	Absorptivity (A1%, 1 cm in Buffer pH 8.0 at λ_{max})	990 - 1100	995
5	Dye content	min. 90%	90.28%
6	Loss on drying	max. 8%	2.18%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503