

CERTIFICATE OF ANALYSIS

PRODUCT Fluorescein Sodium	CAS NO. 518-47-8	DATE. 27-Jan-26
C.I. NAME Acid Yellow 73	C.I. No. 45350	BATCH NO.
MFG DATE January 2026	EXP DATE January 2029	FLS/41/25-26

Sr. No.	TESTS	SPECIFICATIONS	RESULTS
1	Physical Appearance	Brownish Red Powder	Brownish Red Powder
2	Pure Dye Content	88-91%	88.30%
3	Wavelength (Distilled Water)	490-492 nm	490.6nm
4	Absorptivity (A1% 1cm in Distilled Water)	1825-2280	2013
5	Absorption Ratio	1.20-1.70	1.50
6	Solubility (0.25% Aq.)	Dark Red Solution, Clear Solution	Dark Red Solution, Clear Solution
7	pH (1% Aq.)	7-9	7.58
8	Loss on Drying	0-8%	3.46%
9	Chlorides & Sulphates	0-3%	1.42%
10	Combined Ether Extract	0-0.50%	0.14%
11	Heavy Metals	0-40 PPM	0 PPM
12	Lead	0-20 PPM	0 PPM
13	Arsenic	0-3 PPM	0 PPM
14	Mercury	0-1 PPM	0 PPM
15	Cadmium	0-1 PPM	0 PPM
16	Delta E	0-1	0.465
17	Particle Size (60 Mesh)	90-100%	98.11%

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(Prepared By)

(Checked & released By)

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