



CERTIFICATE OF ANALYSIS

NAME OF PRODUCT - FLUORESCEIN SODIUM E.P-10			
AMOUNT RECEIVED FOR ANALYSIS	25 Gm	CAS .NO	518 – 47 – 8
BATCH NO.	FS-051222	DATE OF RECEIPT	22.12.2023
DATE OF ANALYSIS	11.1.2023	ANALYTICAL REPORT NO	FS-051222
MFG.DT:	DEC.2022	EXP .DT:	NOV.2025

SR.NO	CRITERIA	LIMIT/SPECIFICATION	TEST RESULTS
1.	APPEARANCE	Orange Red, Fine powder, Hygroscopic	Orange Red, Fine powder, Hygroscopic
2.	SOLUBILITY	Freely soluble in water, soluble in ethanol (96%), practically insoluble in hexane and in methylene chloride.	Freely soluble in water, soluble in ethanol (96%), practically insoluble in hexane and in methylene chloride.
3.	IDENTIFICATION	Must Comply Identification Test A to D	Complies A to D tests
4.	APPEARANCE OF SOLUTION S	Solution S is clear and orange – yellow with yellowish – green fluorescence.	Solution S is clear and orange – yellow with yellowish – green fluorescence.
5.	pH	In between 7.0 to 9.0	8.71
6.	RELATED SUBSTANCES(HPLC)	1. Impurity A – NMT 0.5 %	Not detected
		2. Impurity B – NMT 0.5%	Not detected
		3. Impurity C – NMT 0.5%	0.092
		4. Other Impurity – NMT 0.1%	
		Unspecified impurity (RT 15.65 Mint.)	0.031 %
		Unspecified impurity (RT 17.283 Mint.)	0.027 %
		5. Sum of impurities other than A,B,C – NMT 0.5%	0.058 %
7.	CHLORIDES	Max. 0.25%	0.12 %
8.	SULPHATES	Max. 1.0%	0.19 %
9.	ZINC	Must pass Test	Passes Test
10.	LOSS ON DRYING (Drying at 105°C)	Max. 10.0%	7.12 %
11.	ASSAY (Dried Substance)	95.0% to 103.0%	99.41%
12.	Additional test: Pyrogen Free test	Must Pass Test	Passes Test

Residual Solvents :

13.	Acetone	≤5000 PPM	< 5 PPM
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Microbiological quality:

SR.NO	CRITERIA	LIMIT/SPECIFICATION	TEST RESULTS
1.	TAMC	≤100 CFU/g	< 10 CFU/g
2.	TYMC	≤ 50 CFU/g	< 10 CFU/g
3.	Bile tolerant Gram-Bacteria	Absent/g	Absent
4.	Staphylococcus Aureus	Absent/g	Absent
5.	Pseudomonas Aeruginosa	Absent/g	Absent
6.	Escherichia Coli	Absent/g	Absent
7.	Salmonella	Absent/g	Absent

REPORT:- THE SAMPLE SUBMITTED FOR ANALYSIS COMPLIES WITH SPECIFICATIONS OF THE STANDARD .



ANALYTICAL CHEMIST