

AARTI DYE CHEM

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CERTIFICATE OF ANALYSIS

NAME OF PRODUCT	SULFANILAMIDE EP		
BATCH NO.	SF/22-23/165	BATCH SIZE	300 Kgs
MFG. DATE	MAR-2023	EXP. DATE	FEB- 2027

ANALYSIS AS PER EP

NO.	Test	Observation.	Specification
1	Description	A white to off white crystalline powder.	White or yellowish-white crystals of fine powder
2	Solubility	Complies	Slightly soluble in water, freely soluble in acetone, sparingly soluble in alcohol, practically insoluble in methylene chloride. It dissolves in solutions of alkali hydroxides and in dilute mineral acids.
3	Identification Test A: MP Test C Test D	165 °C – 166 °C Complies Complies	To Comply the test A, C&D (Test-A: MP – 164.5°C to 166.0°C.)
4	Acidity	Complies	NMT 0.2ml of 0.1 M NaoH Required.
5	Related substance	Complies	To Comply the test.
6	Heavy Metals	Less than 20 PPM	NMT 20 PPM
7	Sulphated Ash	0.035%	NMT 0.1%
8	Loss on Drying	0.32%	NMT 0.5%
9	Assay	99.48%	NLT 99.0 % and NMT 101.0 % as on dry basis

Remark: The product **COMPLIES / DOES NOT COMPLY** as per EP Specification.

This certificate has been generated electronically and is valid without signature.

Tested By

Authorized by

(Lab Chemist)

(Lab Incharge)