



# SALICYLATES AND CHEMICALS PRIVATE LIMITED



ISO 9001:2015 045

## CERTIFICATE OF ANALYSIS

Product Name	SALIGIN MP		
Chemical Name	METHYL PARABEN USP		
Batch / Lot No.	159/MP/0424	A.R. No.	24MP0714
Mfg. Date	APR. 2024	Total Batch Qty.	1000 KGS
Exp. Date	MAR. 2029	Dispatch / Sample Qty.	1000 KGS

TEST	SPECIFICATIONS	RESULTS
Description	A white crystalline powder or colorless crystals. Very slightly soluble in water, freely soluble in alcohol and in methanol.	Complies
Solubility	Very slightly soluble in water, freely soluble in alcohol and in methanol.	Complies
Identification	A. Melting Point: 125°C to 128°C. B. Infrared absorption Spectrophotometry. C. Chromatograms Spot: To Comply.	127°C Complies Complies
Color of Solution	Dissolve 1.0 gm in 10 ml of solvent is Clear and not more intensely coloured than reference solution BY <sub>6</sub> .	Complies
Acidity	Not more than 0.1 ml of 0.1 N Sodium Hydroxide is required to change the colour of the indicator to blue.	Complies
Related Substances	Impurity A – NMT 0.5% Unspecified impurity – NMT 0.5% Total impurity – NMT 1.0%	0.12% Not detected 0.12%
Residual Solvents	Methanol – NMT 3000 ppm.	< 3000 ppm
Loss on drying	0.5% Max.	0.09%
Lead	2 ppm Max.	< 2 ppm
Residue on Ignition/ Sulphated Ash	Not more than 0.1%.	0.02%
Assay	98.0% to 102.0%.	99.9%
Heavy metals	Not more than 10 ppm.	< 10 ppm

Remark: The above batch complies with the prescribed standards of quality as per USP Standard.

PREPARED BY K. JAGAN	CHECKED BY KRISHNA B. PAMIDI	APPROVED BY P.N. SHARMA
QUALITY CONTROL 27/04/2024	QUALITY CONTROL 27/04/2024	QUALITY ASSURANCE 27/04/2024

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