



SALICYLATES AND CHEMICALS PRIVATE LIMITED



ISO 9001:2015 045

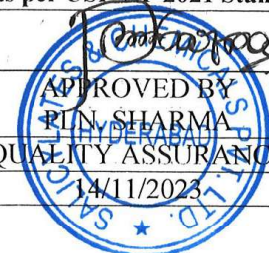
CERTIFICATE OF ANALYSIS

Product Name	SALIGIN MPS		
Chemical Name	SODIUM METHYL PARABEN		
Batch / Lot No.	278/MS/1123	A.R. No.	23MS2051
Mfg. Date	NOV, 2023	Total Batch Qty.	1000 KGS
Exp. Date	OCT, 2028	Dispatch / Sample Qty.	900 KGS

TEST	SPECIFICATIONS	RESULTS
Description	White, hygroscopic powder.	Complies
Solubility	Freely soluble in water; sparingly soluble in alcohol; insoluble in fixed oils.	Complies
Identification	A. Infrared absorption: The IR absorption spectrum of a mineral oil dispersion of the Sample exhibits maxima only at the same wavelengths as those of a similar preparation of the Standard.	Complies
	B. Color test: A platinum wire dipped in the Sample solution imparts an intense, persistent yellow color to a non luminous flame.	Complies
pH	9.5 - 10.5	9.8
Assay by Residual titration	Methylparaben Sodium contains NLT 98.5% and NMT 101.5% of Methylparaben sodium (C ₈ H ₇ NaO ₃), calculated on the anhydrous basis.	99.5%
Related substance by HPLC*	p-Hydroxybenzoic acid – NMT 3.0% Unspecified impurities – NMT 0.5% Total unspecified impurities – NMT 1.0%	0.51% Not detected Not detected
Completeness of Solution	Meets the requirements.	Complies
Chloride	NMT 0.035%	< 0.035%
Sulfate	NMT 0.12%	< 0.12%
Water Determination	NMT 5.0%	0.89%
Assay	95.0% - 102.0% on the anhydrous basis.	97.9%
Residual solvents by GC-HS*	Methanol – NMT 3000 ppm	< 3000 ppm

Remark: The above batch complies with the prescribed standards of quality as per USP-NF 2021 Standard.

PREPARED BY C. HARISH	CHECKED BY KRISHNA B. PAMIDI	APPROVED BY R.N. SHARMA
QUALITY CONTROL	QUALITY CONTROL	QUALITY ASSURANCE
14/11/2023	14/11/2023	14/11/2023



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