



SALICYLATES AND CHEMICALS

PRIVATE LIMITED



ISO 9001:2015

CERTIFICATE OF ANALYSIS

Product Chemical Name	SALIGIN PP PROPYL PARABEN USP		
Batch / Lot No.	225/PP/1121	A.R. No.	21PP2418
Mfg. Date	NOV, 2021	Total Batch Qty.	1000 KGS
Exp. Date	OCT, 2026	Dispatch / Sample Qty.	1000 KGS

TEST	SPECIFICATIONS	RESULTS
Appearance	Small colorless crystals or white powder.	Complies
Solubility	Freely soluble in alcohol and in ether; slightly soluble in boiling water; very slightly soluble in water.	Complies
Identification	A. By Infrared absorption <197M> : The IR spectrum of sample should concordant with reference spectrum USP Propylparaben RS.	Complies
	B. Melting Range or temperature <741> : 96°C ± 99°C	98°C
Color of Solution	100mg/ml in alcohol is clear and not more intensively colored than alcohol or matching solution.	Complies
Acidity	Not more than 0.1ml of 0.1N Sodium Hydroxide is required to change the color of the indicator to blue.	Complies
Residue on Ignition	Not more than 0.1%	0.03%
Loss on Drying	0.5% Max	0.08%
Lead	2ppm Max	< 2 ppm
Organic Impurities by HPLC	Impurity A – NMT 0.5%	0.07%
	Unspecified impurity – NMT 0.5%	Not detected
	Total impurity – NMT 1.0%	0.07%
Assay	NLT 98.0% and NMT 102.0% of C ₁₀ H ₁₂ O ₃	99.9%
Residual solvents	N-Propanol – Not More than 5000 ppm	< 5000 ppm
Heavy metals	Not more than 10 ppm	< 10 ppm

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

<i>Kawitla</i>	<i>Chin</i>	<i>[Signature]</i>
PREPARED BY QUALITY CONTROL	CHECKED BY QUALITY CONTROL	APPROVED BY QUALITY ASSURANCE
04/12/2021	04/12/2021	04/12/2021

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