

Certificate of Analysis

Analysis Report No.: RM/25/006

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Product Details

Product Name: Salicylic Acid
Material Code: RM-SA-001
Supplier Name: Sigma-Aldrich
Batch Number: SA20250127
GRN Number: GRN-SA-2401
Date of Receipt: 02-Feb-2025
Sampling Date: 03-Feb-2025
Sampled By: Ms. A. Verma (QC Analyst)
Containers Sampled: CN-SA-011, CN-SA-012, CN-SA-014
Retain Sample Ref: RS-SA-2025-01

Test Specifications and Results

TEST PARAMETER	SPECIFICATION	RESULT	METHOD
Appearance	White powder or crystals	White crystalline powder	Visual Inspection
Melting Point	158 - 161 °C	159.5 °C	USP <741>
Identification (FTIR)	Conforms to structure	Conforms	USP <197>
Assay (HPLC)	98.5% - 101.0%	99.9%	HPLC
Loss on Drying	Not More Than 0.5%	0.2%	USP <731>
Residue on Ignition	Not More Than 0.05%	< 0.05%	USP <281>
Heavy Metals	Not More Than 10 ppm	< 10 ppm	USP <231>
Solubility	5% in absolute ethanol: clear, colorless	Complies	Visual Inspection

Conclusion

All tested parameters conformed to the established specifications.

QC Status: COMPLIES

Disposition: The material is APPROVED and RELEASED for transfer to the Raw Material Store.

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Authorization

Action	Name & Title	Signature	Date
Analysis Performed By	Ms. A. Verma (QC Analyst)	A. Verma	03-Feb-2025
Data Reviewed By	Mr. N. Kaul (QC Supervisor)	N. Kaul	03-Feb-2025
Approved & Released By	Dr. A. Mehra (QC Manager)	A. Mehra	03-Feb-2025

