



CERTIFICATE OF ANALYSIS

Product Code : SAP-01 , SAP-25
Product Name : SODIUM POLYACRYLATE (SAP) Food Grade
Chemical Formula : $C_3H_4O_2$
CAS Number : 9003-04-7
Lot No. : W26015
Date of Manufacture : Jan 15, 2026
Expiry Date : Jan 14, 2028

INSPECTION RESULT

PROPERTIES	LIMITR	RESULTS
Appearance	White Powder	Conforms
Purity SODIUM POLYACRYLATE ($C_3H_4O_2$)	Min 97.00%	97.24%
Free Absorbent for Distilled WATER	Min 150 g/g	219 g/g
Saline Absorption (0.9 NaCl)	Min 56.00 g/g	58.63 g/g
Absorption UNDER LOAD (0.3 psi)	Min 27.00 ml/g	27.28 ml/g
Absorption UNDER LOAD (0.7 psi)	Min 20.00 ml/g	23.29 ml/g
Retention Capacity	Min 30.00 g/g	39.76 g/g
Absorption RATE VELOCITY	Maximum 70.00 s	68.94 s
Moisture	Maximum 10.00%	9.36%
pH Value	5.00-7.00	5.51-6.42
Particle Size	Maximum 50 Mesh	20-50 Mesh

Reported analysis refer to submitted sample only.

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Issued by : Wee-Rin Chemical Ltd.,Part.
Packing : 1 , 25 Kg./Bag

Quality Control

Manager

Document Control

Date.....
COA_SAP_W26015