



上海奧利埃化工有限公司

SHANGHAI ORIENT CHEMICAL CO., LTD

CERTIFICATE OF ANALYSIS

Date: May. 14, 2024

Product Name: Sodium Polyacrylate Food Grade
Cas No.: 9003-04-7
Lot No.: GC240513001

Production Date: 2024/05/13
Retest Date: 2024/05/14
Test Standard: GB29948-2013

Item	Index	Result
Appearance	White powder	Conforms
Particle size	100 mesh	Conforms
Viscosity (mpa·s) (0.2% aqueous solution, 20°C, 2# rotor at 30 rpm)	300~600	430
pH (0.2% aqueous solution)	8.0~10.0	9.45
Residue on ignition, %	≤ 76	64.1
Loss on drying, %	≤10	7.5
Low polymers, %	≤5	1.2
Residual monomers, %	≤1.0	0.82
Arsenic(As ₂ O ₃), mg/kg	≤3.0	<3.0
Heavy metals (Pb), mg/kg	≤20	<20
Sulfate (SO ₄), %	≤0.48	<0.48
Free alkali	No discoloration	Conforms
Conclusion	Pass test	

Analyst: Jizheng Li

Checked by: Shijin Wang



Add: Room 401,403 HAIBO Building, No. 3615 GONGHEXIN Road, Jing'an District, Shanghai,China,200435

Email: info@greenchemintl.com Web: www.greenchemintl.com Tel.: 0086-21-59969669 Fax: 0086-21-59969200