



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Sodium polyacrylate	Batch No.	JL20231108
CAS	9003-04-7	MF Date	Nov.10,2023
Packing	25kg/bag	Analysis Date	Nov.10,2023
Quantity	3Ton	Retest Date	Nov.09,2024
Item	Standard	Result	
Color status	White powder or granules	meet the requirements	
Free base	passed the test	passed the test	
Sulfate (calculated as SO₄), w/% ≤	0.48	<0.48	
Residual monomer, w/%	1.0	0.33	
Oligomers, w/%	5.0	3.75	
Loss on drying, w/% ≤	10.0	5.83	
Ignition residue (based on basis), w/% ≤	76.0	65.4	
Total arsenic (calculated as As), mg/kg ≤	≤3	<3	
Heavy metals (calculated as Pb), mg/kg ≤	≤20	<20	
Rotational viscosity (25 °C, 0.2% aqueous solution)	≥400mpa.s	436	
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng