

# Shandong Shuiheng Chemical Co., Ltd

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## Certificate of Analysis

Description	Super Absorbent Polymer	Tested by	Wei Wang	Production Date	2014-04-25
Manufacturer	Shandong Shuiheng Chemical Co.ltd.	Audited by	Quan Liu	Analysis Date	2014.04.26
Lot Quantity	140 MT			Lot No.	20140425

### Specifications:

		Standard Specification	Actual Specification
Residual Monomer (ppm)		≤300	260
Moisture Content (%)		≤6.0	5.7
PH Value		6.0 - 6.5	6.3
Particle Size	≤150 μm	≤1.6	1.4
Distribution (%)	≥750 μm	≤3	2.8
Density (g/cm <sup>3</sup> )		0.60 - 0.72	0.65
Absorption Rate of 0.9% NaCl (s)		≤30	23
Absorption in 0.9% NaCl (g/g)		≥55	60
Retention Capacity after Centrifugation (g/g)		≥32	34
Absorption under pressure(g/g)		≥27	30