



# Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



## SPECIFICATION SHEET

### SODIUM POLYACRYLATE / LABORATORY GRADE

Product Code	S3541
Chemical Name / Grade	Sodium Polyacrylate / Laboratory Grade
Chemical Formula / CAS#	C <sub>3</sub> H <sub>3</sub> NaO <sub>2</sub> / CAS# 9003-04-7
Appearance	Light grey Powder
Harmonization Code	2805.11.0000

### CHEMICAL ANALYSIS / SPECIFICATIONS

Specifications	
PSD on 850 um	0.20%
PSD on 600 um	15.80%
PSD on 300 um	55.00%
PSD on 150 um	23.20%
PSD on < 150 um	5.80%
Residual Acrylic Acid (AcS)	605 mg/kg
pH	5.8
Centrifuged Retention Capacity	36.4 g/g
0.9 Absorption Under Load	16.0 g/g
Bulk Density	0.649 g/ cc
Moisture	0.0 – 6.5%

This product is suitable for use in applications where the grade indicated above is required.

### PREPARATION DATE (MM/DD/YY)

Original 0.0	12/20/2012: STN
Revision 0.1	05/30/2018: STN

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.