

**Certificate of Analysis**

上海紫江国际贸易有限公司 宝山区顾村镇宝满路 (又名: 广南路258号) 201900 上海 CHINA	Customer Order: FCSH657-17  Ordered Quantity: 172.370 KG Shipped From: ACT CN SHANGHAI SONGSHENG W3P Order Number: 8028142/000010 Delivery: 851536193/000010 Date Shipped: April 27, 2017 Sold To Number: 663260
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ANTARON V-216 DRUM 215.8L 1  
 Antaron(TM) V-216 polymer  
 Ashland Material Number: 826211  
Batch: 0001905477

Characteristics	Specification	Results
Appearance @ 25 deg. C - Light yellow to yellow viscous fluid with slightt haze	PASS	PASS
% Solids (by Halogen moisture analyzer, W1362)	≥ 96.0	98.4
ppm Vinyl Pyrrolidone (GPC, W1507)	≤ 50	7
Relative Viscosity @25C (1% in toluene, C-F #100, CCLM325)	1.03 - 1.05	1.05
% Nitrogen (anhydrous basis, W1118)	2.0 - 3.0	2.6
Color (VCS, 50% Soln. in Toluene, W794)	≤ 1	0
Date of Manufacture		July 13, 2015
Retest Date		July 12, 2018
Ordered Quantity		172.370 KG

Notes:

**Responsible Manufacturing Facility:**  
 ISP FREETOWN FINE CHEMICALS INC.  
 AFFILIATE OF ASHLAND  
 238 SOUTH MAIN STREET  
 ASSONET MA 02702

This COA is printed from a secure computer system ensuring the batch was properly released by the Quality Department and is valid without signature.