

**Certificate of Analysis**

SHANGHAI ZIJIANG INTERNATIONAL TRAD CO LTD FL 2 NO 281 WUXING ROAD 200030 SHANGHAI CHINA	Customer Order: 17ZIP-H103-0076  Ordered Quantity: 2.000 DR Shipped From: AIE US CALVERT CITY PLT Order Number: 8009849/000010 Delivery: 851512342/000010 Date Shipped: March 21, 2017 Sold To Number: 500874
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ACRYLIDONE LM DRUM 34.02KG 1  
 Acrylidone(TM) LM vp/acrylate  
 Ashland Material Number: 826032

Batch: 0002097076

Characteristics	Specification	Results
Appearance @ 25 Deg. C - White powder	PASS	PASS
Relative Viscosity (W983)	2.7 - 3.3	2.7
% Nitrogen (W1118)	8.0 - 9.0	8.3
Acid Number (W1305)	160 - 190	167
% Moisture (Karl Fischer, W980)	<= 3.0	0.5
% LM Monomer (W991)	<= 0.1	0.0
ppm Vinyl Pyrrolidone Monomer (W1512)	<= 1000	153
% AA Monomer (W988)	<= 0.2	0.1
Solubility (CCLM652) - Clear, free from insolubles	PASS	PASS
Date of Manufacture		January 02, 2017
Retest Date		January 02, 2018
Ordered Quantity		2.000 DR

Notes:  
 Results Certified by:  
 Frederic C. Doll  
 Director of Quality Assurance & Systems