 THE DOW CHEMICAL COMPANY						
Certificate of Analysis				Customer Information		
Product Number	00099069720			Customer Name		
Product Name	SENTRY™ POLYOX™ WSR Coagulant - MFP NF Grade			Customer PO number		
Delivery No.				Customer Product Code		
Order Number				Container ID		
Shipping Units	10160.000 KG			Specification Number	000000441811	
Date Shipped	2018-07-09 (YYYY-MM-DD)					
Shipment No.						
Batch Number						
Release Date	2018-12-31 (YYYY-MM-DD)					
Manufacturing Date	2018-06-27 (YYYY-MM-DD)					
Quantity	10160.000 KG					
Net Weight	22398.984 LB					
It is hereby certified that the material indicated above has been manufactured in accordance with the FDA's Current Good Manufacturing Practices was inspected and tested in accordance with the conditions and requirements of the current NF and unless agreed otherwise, conforms in all respects to the specification relevant thereto.						
Test	Unit	Lower Limit	Upper Limit	Value	Method	
Viscosity 1% aqueous solution	cP	5500	7500	7036	DOWM 101962	
pH at 25degC 1% aqueous solution		8.0	10.0	9.0	DOWM 102175	
Particle Size Thru 20 mesh < 841 micron	%	100	-	100	DOWM 102261	
Particle Size thru 35 mesh <500 MICRON	%	96	100	100	DOWM 102261	
Particle Size THRU 100 MESH < 149 MICRON	%	35	75	58	DOWM 102261	
Particle Size THRU 200 MESH < 74 MICRON	%	0	40	23	DOWM 102261	
BHT	ppm wt	100	1000	336	DOWM 102192	
Loss on Drying	WT%	0.0	1.0	0.1	DOWM 102188	
Alk. Earth Metals	WT%	0.0	1.0	0.2	DOWM 102225	
Silicon Dioxide	WT%	0.8	3.0	1.7	DOWM 101992	
Residue on Ignition	WT%	0.0	2.0	0.4	Current NF	



THE DOW CHEMICAL COMPANY

Free Ethylene Oxide ppm wt 0 1 0 DORM 102104


Matt Hofmann, ETHOCCEL, POLYOX, CELLOSIZO Quality Systems Specialist

"Typical Properties: This batch, based on audit testing and process control complies with the following additional specification requirements:  
NF Identification Tests A & B: Pass; Residual Solvents: Passes  
Heavy Metals, as Pb not more than 10 ppm or 0.001 wt percent  
Alkaline earth metals as CaO. Volatiles - 45 min at 105 deg C.  
Residue on ignition=non-silicon dioxide  
Viscosity - Brookfield RVF, spindle 2, speed 2 rpm, 25 deg C.  
Product Description: White to off-white, free flowing powder with a characteristic ammoniacal odor.  
Manufactured in Nashville, TN."

Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

For inquiries please contact Customer Service or local sales

© Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

 THE DOW CHEMICAL COMPANY					
<b>Certificate of Analysis</b> Product Number 00099069720 Product Name SENTRY™ POLYOX™ WSR Coagulant - MFP NF Grade Delivery No. Order Number Shipping Units 10160.000 KG Date Shipped 2017-04-24 (YYYY-MM-DD) Shipment No.			<b>Customer Information</b> Customer Name Customer PO number Customer Product Code Container ID Specification Number 000000441811		
Batch Number Retest Date 2017-10-07 (YYYY-MM-DD) Manufacturing Date 2017-04-10 (YYYY-MM-DD) Quantity 10160.000 KG Net Weight 22398.984 LB					
It is hereby certified that the material indicated above has been manufactured in accordance with the FDA's Current Good Manufacturing Practices, was inspected and tested in accordance with the conditions and requirements of the current NF and unless agreed otherwise, conforms in all respects to the specification relevant thereto.					
Test	Unit	Lower Limit	Upper Limit	Value	Method
Viscosity 1% aqueous solution	cP	5500	7500	6968	DOWM 101952
pH at 25degC 1% aqueous solution		8.0	10.0	9.0	DOWM 102175
Particle Size Thru 20 mesh < 841 micron	%	100	-	100	DOWM 102261
Particle Size thru 35 mesh <500 MICRON	%	96	100	100	DOWM 102261
Particle Size THRU 100 MESH < 149 MICRON	%	35	75	56	DOWM 102261
Particle Size THRU 200 MESH < 74 MICRON	%	0	40	24	DOWM 102261
BHT	ppm wt	100	1000	364	DOWM 102192
Loss on Drying	WT%	0.0	1.0	0.2	DOWM 102188
Alk. Earth Metals	WT%	0.0	1.0	0.2	DOWM 102225
Silicon Dioxide	WT%	0.8	3.0	1.5	DOWM 101992
Residue on Ignition	WT%	0.0	2.0	0.4	Current NF



THE DOW CHEMICAL COMPANY

Free Ethylene Oxide ppm wt. 0 1 1 // DOWM 102104

Matt Hofmann, ETHOCEL, POLYOX, CELLOSIZO Quality Systems Specialist

"Typical Properties: This batch, based on audit testing and process control complies with the following additional specification requirements:  
NF Identification Tests A & B: Pass; Residual Solvents: Passes  
Heavy Metals, as Pb not more than 10 ppm or 0.001 wt percent  
Alkaline earth metals as CaO. Volatiles - 45 min at 105 deg C.  
Residue on ignition=non-silicon dioxide  
Viscosity - Brookfield RVF, spindle 2, speed 2 rpm, 25 deg C.  
Product Description: White to off-white, free flowing powder with a characteristic ammoniacal odor.  
Manufactured in Institute, WV.

Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

For inquiries please contact Customer Service or local sales

© " Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow