



DuPont de Nemours, Inc.
SALES SPECIFICATION

Date Printed: 2021-07-06

Effective Date: 2019-07-22

Supersedes Date: 2016-07-13

Name: SENTRY™ POLYOX™ WSR 301 - FP NF Grade

Specification Number: 000000091085

Previous Specified Material: 00129062

Government and Industry Standards

Current NF - National Formulary

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Viscosity, 1% aqueous solution	1650 — 5500	cP	DOWM 101962	
pH at 25degC, 1% aqueous solution	8.0 — 10.0		DOWM 102175	
Particle Size, THRU 60 MESH, < 250 MICRON	96 — 100	%	DOWM 102261	
Loss on Drying	0.0 — 1.0	WT%	DOWM 102188	
Alk. Earth Metals	0.0 — 1.0	WT%	DOWM 102225	
Silicon Dioxide	0.8 — 3.0	WT%	DOWM 101992	
Residue on Ignition	0.0 — 2.0	WT%	Current NF	
Free Ethylene Oxide	0 — 1	ppm wt	DOWM 102104	
BHT	100 — 1000	ppm wt	DOWM 102192	

DuPont de Nemours, Inc.
SALES SPECIFICATION

Name: SENTRY™ POLYOX™ WSR 301 - FP NF Grade
Specification Number: 00000091085
Effective Date: 2019-07-22

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
NF Ident. Tests A&B	Pass		Current USP/EP/JP	
Test Frequency:	Optional Test			

General Notes

- Alkaline earth metals as CaO. Volatiles - 45 min at 105 deg C. Residue on ign = non-silicon dioxide. Viscosity - Brookfield RVF, spindle 2, speed 2 rpm, 25 deg C.
The following properties are characteristic of this product. However, these properties are not determined on shipments and are not reported on the Certificate of Analysis: heavy metals: 0.0010 wt% or 10 ppm max

READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.