

PRODUCT SPECIFICATIONS

Product: BWRO-FS

INCI Name: Iron Oxides (CI 77491) (And) Perfluorohexylethyl Triethoxysilane

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>	
		<u>Min</u>	<u>/</u>	<u>Max</u>		<u>/</u>
001A	Appearance				Fine red powderr	Visual
002A	Odor				Slight characteristic odor	Organoleptic
003K	Color				To match standard	Compare pressed pigment
010A	Loss on Drying, %	0.00		1.00		1 gram sample, 2hrs. @ 105°C
012B	Microbiology				100 cfu/g Total Bacteria, Mold, and Yeast; No Gram Negatives	Current USP Microbial Limit Test
033B	Hydrophobicity				Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
036A	Identification				Matches Standard	IR
047A	Lipophobicity				Float 0.5g on 50 ml of mineral oil for more than 1 hour	
996A	* Notes on Storage				Store under dry conditions and keep containers closed.	
998A	* Note					
<i>Prior to surface treatment, iron oxide meets 21 CFR and E-172 requirements</i>						
027M	Arsenic (As), ppm	0		3		ICP-MS Method
029P	Lead (Pb), ppm	0		10		ICP-MS Method
031L	Mercury, ppm	0		1		ICP Method

If you have any questions about the information contained within this document, please contact Kevin Meyer, tel +1 (908) 941-9108.

Jun. 2021