

PRODUCT SPECIFICATIONS

Product: BWYO-FS

INCI Name: Iron Oxides (CI 77492) (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 yellow powderr	Visual
002A	Odor				Slight characteristic odor	Organoleptic
003V	Color				To match standard	To match standard.
010A	Loss on Drying, %	0.00		1.00		1 gram sample, 2hrs. @ 105°C
012B	Microbiology				Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive	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.	
<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