

PRODUCT SPECIFICATION

Product: BWRO-11S4

INCI Name: Iron Oxides (CI 77491) (And) Triethoxycaprylsilane

Test ID	Test Name	Specification			Test Method
		Min	/	Max / Text	
001A	Appearance	Fine red powder			Visual
002A	Odor	Slight Characteristic odor			Organoleptic
010A	Loss on Drying, %	0.00 1.00			1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100cfu/g (ml); Yeast and mold < 100cfu/g (ml); No gram negative or positive			Current USP Microbial Limit Test
033A	Hydrophobicity	Place 1g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
036A	Identification	To Match Standard			IR
042B	Residue on Ignition, %	---			3hrs. @ 500°C
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
	Base pigments	Iron oxide meets FDA and E-172 requirements			
027M	Arsenic (As), ppm	0 1			ICP-MS Method
029P	Lead (Pb), ppm	0 1			ICP-MS Method
031L	Mercury, ppm	0 1			ICP Method

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

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