

PRODUCT SPECIFICATIONS

Product: **BYO-I2**

INCI Name: Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine Yellow Powder			Visual
002A	Odor	Waxy			Organoleptic
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
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
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.			Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	40		70	ASTM Method D281-84
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note	Prior to surface treatment, all the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR, part 73 and E-172.			

Patent # 4,877,604