

PRODUCT SPECIFICATIONS

Product: BYO-NOE4

INCI Name: Iron Oxides (CI 77492) (And) Hydrogenated Olive Oil Stearyl Esters

<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			Practically none	Organoleptic
003I	Color			To match standard	Compare drawdown against standard
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
038A	Apparent Density, gm/cbi			----	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
	Heavy Metal(s)				
027S	Arsenic ppm			< 3	ICP-AES
029V	Lead, ppm			< 10	JSQI
031A	Mercury, ppm			< 1	See cofa of raw pigment
997	* Note			Iron oxide meets CFR21 and E-172 specifications prior to surface treatment	