

## 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>/</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.	
	<b>Heavy Metal(s)</b>					
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	