

PRODUCT SPECIFICATIONS

Product: **BYO-DS4**

INCI Name: Iron Oxides (CI 77492) (And) Dimethicone

<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, TMS	Organoleptic
010B	Loss on Drying, %	0		1	Moisture Balance: 15 min @ 80° 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
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
031D	Mercury, ppm	0		1	Weak Acid Extraction AA Method
033A	Hydrophobicity			Place 1g On 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
038A	Apparent Density, gm/cbi			-----	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
997A	* Note 2				
998A	* Note			All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	