

## PRODUCT SPECIFICATIONS

Product: **BLACK NF-11S2**

INCI Name: Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane

<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 Black Powder			Visual
002A	Odor	Slightly Characteristic Odor			Organoleptic
003I	Color	Match the standard			Compare drawdown against standard
010A	Loss on Drying, %	0		1	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
027S1	Arsenic, ppm	0		3	Hydride Generation ICP-OES
029H	Lead, ppm	0		10	AAS
031N	Mercury, ppm	0		1	Reduced Vaporization AAS
033A	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				