

## **PRODUCT SPECIFICATIONS**

### BYO-11S2

*INCI Name: Iron Oxides (C.I. 77492) (And) Triethoxycaprylylsilane*

<b>Test ID</b>	<b>Test Name</b>	<b>Specification</b>	<b>Test Methods</b>
001A	Appearance	Fine Yellow Powder	Visual
002A	Odor	Characteristic	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 1	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
027G	Arsenic, ppm	Min : 0 - Max : 3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
033B	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	Min : 30 - Max : 50	ASTM Method D281-84
877X	Base pigments	Iron Oxide prior to surface treatment meets all FDA 21.CRF requirements	Tested by supplier

*If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.*

Oct. 2011