

PRODUCT SPECIFICATIONS

BLACK NF

Description: Iron Oxides (C.I. 77499)

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Fine Black Powder	Visual
002A	Odor	Odorless	Organoleptic
012E	Microbiology (cfu/g)	<100 cfu/g; absence of pathogens	Colony Forming Units/Gram
024C	Average Particle Size, μm	Min : 0.10 - Max : 0.25	Coulter Counter
024J	Particle Size Range, μm	85% < 5	Light Scattering Sizer
025I	pH 10% Aq. Dispersion	Min : 6 - Max : 8	10% slurry, measure supernant
027G	Arsenic, ppm	Min : 0 - Max : 3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029E	Lead, ppm	Min : 0 - Max : 10	ICP/AES
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
037A	Oil Absorption, g. / 100g.	Min : 40 - Max : 55	ASTM Method D281-84
038A	Apparent Density, gm/cbi	Min : 2.60 - Max : 3.60	CTFA Method C8-2, Scott Volumeter
059A	Water solubility (%)	Min : 0.00 - Max : 0.30	JSCI Method
079A	Barium, ppm	Min : 0 - Max : 50	AAS
080B	Cadmium, ppm	Min : 0 - Max : 5	AAS
081A	Chromium, ppm	Min : 0 - Max : 100	AAS
082A	Copper, ppm	Min : 0 - Max : 50	AAS
083A	Nickel, ppm	Min : 0 - Max : 200	AAS
084A	Zinc, ppm	Min : 0 - Max : 100	AAS
997A	* Note2	This material is synthetic and made in Japan.	
998A	* Note	All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR.	

tel : 908-757-0033
fax : 908-757-0905

KOBO

www.koboproducts.com
info@koboproductsinc.com

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

Aug. 2010