

PRODUCT SPECIFICATIONS

PF-5 RED R-516L

INCI Name: Iron Oxides (C.I. 77491) (And) C9-15 Fluoroalcohol Phosphate

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Dark red to brown fine powder	Visual
002A	Odor	Odorless	Organoleptic
003A	Color	To Match Standard	Drawdown dispersion in castor oil
010C	Loss on Drying, %	Min : 0 - Max : 3	3hrs. @ 105°C/USP Method
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
017B	Loss on Ignition, %	Min : 0 - Max : 8	3hrs. @ 500°C
022A	Chloride	Not yield white precipitate	JSCI Test of Chloride
023A	Diethanolamine	Not show blue in solution	JSCI Test of Diethanolamine
025F	pH 5% Aq. Ethanol	Min : 5 - Max : 7	5% dispersion in 30% aqueous ethanol
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	0.1 g of material does not sink in 50 mL of water	Float powder on water at room temperature
047A	Lipophobicity	0.1 g of material does not sink in 50 mL of paraffin bath	
052J	Identification: Red Oxide of Iron	Positive	JSCI: ID Test of Red Oxide of Iron

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.
Aug. 2010