

PRODUCT SPECIFICATIONS

YELLOW 5AL-I2

INCI Name: Yellow 5 Lake (And) Isopropyl Titanium Triisostearate

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Fine Yellow Powder, TMS	Visual
002A	Odor	Slightly waxy, TMS	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 18	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
031A	Mercury, ppm	Min : 0 - Max : 1	See cofa of raw pigment
033B	Hydrophobicity	Float 0.5 g of material on 50 mL of water for more than 1 hr	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	Min : 80 - Max : 130	ASTM Method D281-84
038A	Apparent Density, gm/cbi	Min : 1.60 - Max : 2.60	CTFA Method C8-2, Scott Volumeter
877X	Base pigments	Yellow 5 lake is certified by FDA	Tested by supplier

Patent # 4,877,604

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

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