

PRODUCT SPECIFICATIONS

Product: **YELLOW 5AL-I2**

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

<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 Yellow Powder, TMS			Visual
002A	Odor	Slightly waxy, TMS			Organoleptic
010A	Loss on Drying, %	0		18	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
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.	50		100	ASTM Method D281-84
038A	Apparent Density, gm/cbi	2.00		5.00	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
<i>Yellow 5 lake is certified by FDA and complies with both EU and US (21CFR) regulations</i>					
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		2	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method

Patent # 4,877,604