

## PRODUCT SPECIFICATIONS

Product: **YELLOW 5AL-FS08**

INCI Name: Yellow 5 Lake (And) Perfluorohexylethyl Triethoxysilane

<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	Visual
002A	Odor			Practically none. TMS	Organoleptic
010C	Loss on Drying, %				3hrs. @ 105°C/USP Method
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			Powder floats on still water for more than 1 hr	Float powder on water at room temperature
047A	Lipophobicity			~0.5g of sample floats on mineral oil for 1 minute before starting to fall	
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
998A	* Note				
<b><i>Yellow 5 Lake is certified by FDA prior to surface treatment.</i></b>					
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		2	Weak Acid Extraction AA Method