

## PRODUCT SPECIFICATIONS

Product: BLUE 1AL-11S4

INCI Name: Blue 1 Lake (And) Triethoxycaprylylsilane

<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 blue powder	Visual
002A	Odor			Characteristic, To Match Standard	Organoleptic
003K	Color			To match the standard	Compare pressed pigment
010A	Loss on Drying, %	0.00		12.00	1 gram sample, 2 hr @ 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
036A	Identification			To Match Standard	IR
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	<b>Heavy Metal(s)</b>				
	Base pigments			Blue 1 lake was certified by FDA prior to surface treatment	
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		2	ICP-MS Method

If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

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