

## PRODUCT SPECIFICATIONS

Product: BUB-I2

INCI Name: Ultramarines (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 Blue Powder	Visual
002A	Odor			Characteristic odor with a variable degree of intensity	Organoleptic
010A	Loss on Drying, %	0		1	1 gram sample, 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 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	25		45	ASTM Method D281-84
038A	Apparent Density, gm/cbi	3.50		6.00	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
	<b>Heavy Metal(s)</b>				
000X	Base pigments			Ultramarines meet 21CFR and ECC specifications	Tested by supplier
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		20	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method

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

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