

## PRODUCT SPECIFICATIONS

Product: BBO-I2

INCI Name: Iron Oxides (CI 77499) (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 Black Powder			Visual
002A	Odor	Waxy			Organoleptic
010A	Loss on Drying, %	0.00		1.00	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
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method
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.	20		45	ASTM Method D281-84
042A	Residue on ignition, %	98.00		100.00	CTFA method E17-2 (3hrs. @ 500°C)
104C	Organic colors & lakes	Negative			CTFA B 2-1 ( Alcohol)
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note	Colorant meets all requirements of US 21CFR, parts 70-82 and EU Regulation (EC) No 1223/2009, Annex IV.			

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