

PRODUCT SPECIFICATIONS

Product: **BLACK JB**

INCI Name: Iron Oxides (CI 77499)

<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			Black Powder	Visual
002A	Odor			Odorless	Organoleptic
003D	CIE DE (D65 10 DEG)		0.00	1.50	Instrument Condition: %R LAV SCI UV 400
006H	Water Soluble Matter, %		0.00	0.30	JIS K 5101-16-1:2004
012B	Microbiology		Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive		Current USP Microbial Limit Test
024V3	Residue on Sieve (%)		0.00	0.01	JIS K 5101-14-1:2004
041J	Moisture, %		0.00	1.00	JIS K 0113:2005
097K	Assay (T-Fe) %		68.00		JIS K 5109:2005
	* Notes on Storage		Store under dry conditions and keep containers closed.		
	* Note 2		---		
	Heavy Metal(s)				
027E1	Arsenic, ppm		0	2	Total Dissolution - AAS
029P2	Lead, ppm		0	2	ICP-MS
031L2	Mercury, ppm		0	1	ICP-MS
032H	Antimony, ppm		0	1	ICP-MS Method
079F	Barium, ppm		0	5	ICP-MS Method
080F2	Cadmium, ppm		0	1	ICP-MS
081E	Chromium, ppm		0	20	ICP-MS Method
082E	Copper, ppm		0	10	ICP-MS Method
083E	Nickel, ppm		0	10	ICP-MS Method
084H	Zinc, ppm		0	35	ICP-MS Method
145B	Selenium, ppm		0	1	ICP-MS Method
176A	Cobalt, ppm		0	20	ICP-MS Method

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

Feb. 2023

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