

PRODUCT SPECIFICATIONS

Product: BXYO-MS2

INCI Name: Iron Oxides (CI 77492) (And) Methicone

| <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 | Characteristic | | | Organoleptic |
| 006B | Water Soluble Substances, (%) | 0 | | 1 | FDA Test Method |
| 010B | Loss on Drying, % | 0 | | 1 | Moisture Balance: 15 min @ 80° 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 |
| 027F | Arsenic, ppm | 0 | | 3 | AAS |
| 029D | Lead, ppm | 0 | | 10 | FDA Method |
| 031D | Mercury, ppm | 0 | | 1 | Weak Acid Extraction AA Method |
| 033B | Hydrophobicity | 0.5g floats on 50 ml of water for more than 1 hour. | | | Float powder on water at room temperature |
| 036A | Identification | To Match Standard | | | IR |
| 037A | Oil Absorption, g. / 100g. | 40 | | 70 | ASTM Method D281-84 |
| 038A | Apparent Density, gm/cbi | 3.00 | | 8.00 | CTFA Method C8-2, Scott Volumeter |
| 080B | Cadmium, ppm | 0 | | 1 | AAS |
| 081A | Chromium, ppm | 0 | | 100 | AAS |
| 082A | Copper, ppm | 0 | | 50 | AAS |
| 083A | Nickel, ppm | 0 | | 200 | AAS |
| 084A | Zinc, ppm | 0 | | 100 | AAS |
| 996A | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| 998A | * Note | All components of this material meet thr requirement as specified in 21 CFR, Part 73. | | | |

If you have any questions about the information contained within this document, please contact Kobo QC Department at extension 7106. Jul. 2019

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