

## PRODUCT SPECIFICATIONS

Product: BEUB/MM3

INCI Name: Ultramarines (And) Magnesium Myristate

| <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                       |                      |          | Waxy  | Organoleptic                              |
| 010B   | Loss on Drying, %          |                      | 0        | 1   | 15 min at 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          |
| 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     | 6.50  | CTFA Method C8-2, Scott Volumeter         |
| 996A   | * Notes on Storage         |                      |          | Store under dry conditions and keep containers closed.  |   |
| 998A   | * Note                     |                      |          |   |   |
| <b><i>Ultramarines meet 21CFR and ECC specifications</i></b> |                            |                      |          |   |   |
| 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                                |

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

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