

## PRODUCT SPECIFICATIONS

Product: K-RAY® SM RED SP

INCI Name: Synthetic Fluorophlogopite (And) Titanium Dioxide

| <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                        | Sparkle red powder  |          |                          | Visual             |
| 002A  | Odor                              | Odorless  |          |                          | Organoleptic       |
| 012Q  | Microbiology                      | Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive |          |                          | CLRTM-54           |
| 015N  | TiO2%                             | 6   |          | 16                       | CLRTM-48           |
| 024W  | Particle Size Range, µm           | 100   |          | 1000                     | CLRTM-42           |
| 025U  | pH-Value (10% Aqueous Suspension) | 4   |          | 11                       | CLRTM-45           |
| 037K  | Oil Absorption, g/100g            | 50  |          | 90                       | CLRTM-46           |
| 996A  | * Notes on Storage                | Store under dry conditions and keep containers closed.  |          |                          |                    |
| <p><b><i>The color components in this product meet the applicable US FDA 21-CFR, Japan MHW, and EU Regulation (EC) No 1223/2009 specifications and purity requirements.</i></b></p> |                                   |   |          |                          |                    |
| 027X  | Arsenic, ppm                      | 0   |          | 1                        | CLRTM-55           |
| 029U  | Lead, ppm                         | 0   |          | 10                       | CLRTM-55           |
| 031K  | Mercury, ppm                      | 0   |          | 1                        | CLRTM-55           |
| 032F  | Antimony, ppm                     | 0   |          | 2                        | CLRTM-55           |
| 080E  | Cadmium, ppm                      | 0   |          | 1                        | CLRTM-55           |
| 084F  | Zinc, ppm                         | 0   |          | 100                      | CLRTM-55           |

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

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**KOBO PRODUCTS, INC. • 3474 SOUTH CLINTON AVENUE • SOUTH PLAINFIELD, N.J. 07080 U.S.A.**