

## **PRODUCT SPECIFICATIONS**

Product: Plandool™-G

INCI Name: Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate

| <b>Test ID</b> | <b>Test Name</b>                                  | <b>Specification</b>                                                                          |            |             | <b>Test Method</b>               |
|----------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|-------------|----------------------------------|
|                |                                                   | <b>Min</b>                                                                                    | <b>Max</b> | <b>Text</b> |                                  |
| 001A           | Appearance                                        | White to Light Yellow Waxy Paste                                                              |            |             | Visual                           |
| 002A           | Odor                                              | Characteristic                                                                                |            |             | Organoleptic                     |
| 003G1          | Color<br>Gardner                                  | 0                                                                                             | 3          |             | Gardner                          |
| 012B           | Microbiology                                      | Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive |            |             | Current USP Microbial Limit Test |
| 013F           | Saponification Value (KOH mg/g)<br>1 g, 1.5 hours | 80                                                                                            | 110        |             | JSQI                             |
| 026MA          | Heavy Metals, ppm                                 | 0                                                                                             | 20         |             | JSQI (Method 2, 1 g)             |
| 027OA          | Arsenic, ppm                                      | 0                                                                                             | 2          |             | JSQI (Method 3, 1 g)             |
| 036A           | Identification                                    | To Match Standard                                                                             |            |             | IR                               |
| 042V           | Residue on Ignition, %                            | 0                                                                                             | 0.5        |             | JSQI (Method 3)                  |
| 056D           | Hydroxyl Value                                    | 0                                                                                             | 25         |             | JSQI                             |
| 057F           | Acid Value                                        | 0                                                                                             | 10         |             | JSQI, Method I                   |
| 996A           | * Notes on Storage                                | Store under dry conditions and keep containers closed.                                        |            |             |                                  |

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

Sep. 2021