

## PRODUCT SPECIFICATIONS

Product: Neosolue™-DiSM

INCI Name: Diisostearyl Malate

| <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                                      |                      |          | Colorless to pale yellow liquid                                                               | Visual                           |
| 002A           | Odor                                            |                      |          | Faint Characteristic                                                                          | Organoleptic                     |
| 012B           | Microbiology                                    |                      |          | Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive | Current USP Microbial Limit Test |
| 013F1          | Saponification Value (KOH mg/g)<br>2 g, 4 hours | 160                  |          | 185                                                                                           | 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                               |
| 042R1          | Residue on Ignition, %                          | 0.00                 |          | 0.10                                                                                          | JSQI (Method 2, 5g)              |
| 056D           | Hydroxyl Value                                  | 60                   |          | 90                                                                                            | JSQI                             |
| 996A           | * Notes on Storage                              |                      |          | Store under dry conditions and keep containers closed.                                        |                                  |
| 998A           | * Note                                          |                      |          |                                                                                               |                                  |