

## CERTIFICATE OF ANALYSIS

|   |   |                              |
|---|---|------------------------------|
| Produ   | Cholesterol (plant souce)<br>KN20221228<br>3KGS   |                              |
| Description   | White or off White crystalline  |                              |
| Testing   | Specifications  | Results                      |
| Melting point   | 147°C-150°C   | 148°C~149.0°C                |
| Cholesterol content                                     | 95%-102.0%  | 99.0%                        |
| Acidity   | The difference between the volumes of 0.1M hydrochloric acid required to change the colour of the indicator in the blank and in the test is not more than 0.3ml | 0.14ml                       |
| Solubility  | Practically insoluble in water, sparingly soluble in acetone and in ethanol   | Conform                      |
| Identification  | A. IR<br>B. GC  | Conform                      |
| Loss on drying  | ≤ 0.3%  | 0.03%                        |
| Solubility in alcohol                                   | No deposit or turbidity is formed   | Conform                      |
| Residue on ignition                                     | ≤ 0.1%  | 0.01%                        |
| Related Substances                                      | The largest single impurity:0.5% max.<br>Total impurities:5.0% max  | 0.33%<br>0.4%                |
| Residual solvents                                       | Methanol:3000 ppm Max<br>Ethanol:5000 ppm Max   | Not detected<br>Not detected |
| Manufacturing date                                      | Dec. 08, 2022   |                              |
| Expiry date   | Dec. 08 2024  |                              |
| Note: Upon inspection, the product comply with Standard |   |                              |



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