

# COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

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## CERTIFICATE OF ANALYSIS

|                       |                          |           |             |
|-----------------------|--------------------------|-----------|-------------|
| Material/Product Name | Stearic Acid (95%) [USP] |           |             |
| Batch Number          | SCI25HSTAT001            | Quantity  | 100 Kg      |
| Mfg. Date             | Aug - 2025               | Exp. Date | July - 2028 |

| S. No. | Test Parameter                                            | Specification                                                                                                                         | Result   |
|--------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.     | Appearance                                                | Hard, white crystals or amorphous, white powder.                                                                                      | Complies |
| 2.     | Solubility                                                | Freely soluble in chloroform and in ether, soluble in alcohol and in solvent hexane.                                                  | Complies |
| 3.     | Identification test A (Freezing Point)                    | 64 – 69                                                                                                                               | 67.3     |
| 4.     | Identification test B (Acid value)                        | 194 – 212                                                                                                                             | 196.8    |
| 5.     | Identification test C (GC)                                | The retention times of the major peaks of the sample solution correspond to those of the standard solution, as obtained in the assay. | Complies |
| 6.     | Stearic Acid                                              | 90.0 Min                                                                                                                              | 93.65    |
| 7.     | The sum of the contents of stearic acid and palmitic acid | 96.0 Min                                                                                                                              | 98.82    |
| 8.     | Iodine Value                                              | 1.5 Max                                                                                                                               | 1.12     |
| 9.     | Residue on ignition                                       | 0.1 Max                                                                                                                               | 0.070    |
| 10.    | Colour of Solution                                        | The resulting liquid is not more intensely colored than Standard solution Y or Standard solution BY.                                  | Complies |
| 11.    | Freezing point                                            | 64 – 69                                                                                                                               | 67.3     |
| 12.    | Acidity                                                   | No red colour develops                                                                                                                | Complies |

|      |                 |                   |                 |
|------|-----------------|-------------------|-----------------|
| ---- | Prepared By     | Reviewed By       | Approved By     |
| Name | Praveen Kumar J | Karthik V Suvarna | Prashant Mishra |
| Date | 08/09/2025      | 08/09/2025        | 08/09/2025      |
| Sign |                 |                   |                 |

