



LIPIDCHEM SENDIRIAN BERHAD

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(Co No. : 379629-M)

PRODUCT SPECIFICATION

PRODUCT NAME : STEARIC ACID 50 - RSPO MB
PRODUCT DESCRIPTION : STEARIC ACID POWDER NF (STEAPD TRP) - RSPO MB

TEST SPECIFICATION

Organoleptic Profile

Appearance Fine, non-flowing powder
Color White
Odor Characteristic
Solubility Insoluble in water. Soluble in chloroform, ether and alcohol

Chemical & Physical Test

Identification A: Freezing Point, deg C 53 - 59
Identification B: Acid Value, mg KOH/g 205 - 210
Identification C: Retention time of major peaks Complies
Acidity No red colour develops
Colour of Solution Less than Y or BY
Arsenic, ppm 1.0 max
Mercury, ppm 0.1 max
Cadmium, ppm 0.5 max
Heavy Metal, ppm 10 max
Lead, ppm 0.5 max
Iodine Value, g/100g 4 max
Moisture (KF), % 0.2 max
Residual Solvent USP<467> Complies
Residue on Ignition, % 0.10 max
Saponification Value, mg KOH/g 206 - 212
Stearic Acid, % 40 - 60
Stearic Acid + Palmitic Acid (SUM), % 90 min
Unsaponifiable Matter (%) 1.5 max
Bulk Density, g/ml 0.27 min
Particle Size, cumulative value at 150 μ , % 100 min




Microbiological Test

Coliforms, cfu/g 10 max
E. Coli, Negative
Salmonella, Negative
Staphylococcus Aureus, cfu/g Negative
Total Plate Count, cfu/g 1000 max
Yeast and Mold, cfu/g 100 max



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We confirm this product meets the requirements of current USP and FCC.

Prepared by Signature  Name Asnita Baharin Designation QCQA Asst. Manager Date 25/10/2021
Authorised by Signature  ID CHEM SDN BHD 379629-M
Badariah Abdul Rawi QA Manager Date 25/10/2021
Acknowledged by Generichem Signature  Eric Oishi, Generichem 11/18/21

Stearic Acid Spec: Generichem-RSPO MB
Rev:10, Date: 25/10/2021