



Certificate of Analysis

Date: July 21, 2023

Product: Stearic Acid

Lot/Batch Number: STAC230630 Retest Date: N/A

Manufacture Date: March 2023 Commercial Expiry: March 2025

PROPERTIES	SPECIFICATIONS	RESULTS
Exterior	Flakes or Beads	Beads
Acid Value (mg KOH/g)	207 – 211	210.08
Saponification Value (mg KOH/g)	208 – 212	211.15
Iodine Value (gl ₂ /100g)	≤ 0.5	0.15
Moisture %wt	≤ 0.2	0.05
Colour	≤ 60	30
Melting Point °C	53 – 57	56.6
C12 + C14 %	≤ 1.5	0.75
C16 %	52 – 59	56.78
C18 %	40 – 44	41.92
Others	≤ 1	0.55

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