



Certificate of Analysis

Product Name : Stearic Acid - Triple Pressed
Batch No : STRACD20241102
Manufacturing Date : Nov/2024
Expiry Date : Nov/2026

Inspection Item	Method	Specified Range	Result
Exterior		Flakes or Beads	Beads
Acid Value, mg KOH/g	GB/T 9104-2008	207 - 211	210.17
Saponification Value, mg KOH/g	GB/T 9104-2008	208 - 212	211.18
Iodine Value, gI2/100g	GB/T 9104-2008	≤ 0.5	0.16
Moisture, %wt	GB/T 606-2003	≤ 0.2	0.05
Color, Hazen	GB/T 9104-2008	≤ 60	31
Melting Point, °C	GB/T 5536-1985	53 - 57	56.2
Fatty Acid Composition			
C12 + C14, %	GB/T 9104-2008	≤ 1.5	0.73
C16, %		52 - 59	56.72
C18, %		40 - 44	41.89
Others		≤ 1	0.66
Conclusion		PASS	

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