



ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

Material Name	STEARIC ACID	Batch No.	AVI/02-24D223
Grade	HYSTRIC	Mfg Date	23.02.2024
Manufacturer	Art Vatika	Exp Date	20.02.2026

S. No.	Test Parameter	Specification	Result
1	Appearance	White Free flowing Flakes	Conforms
2	Odour	Characteristic Odour	Conforms
3	Acid Value (mg KOH/gm)	208.00-210.00	209.38
4	Saponification Value (mg KOH/gm)	209.00-211.00	210.38
5	Iodine Value (gm/100gms), Max	<3	0.32
6	Colour in Lovibond (5.25")-Red Max	<0.50	0.1
7	Colour in Lovibond (5.25")-Yellow, Max	<2.00	0.9
8	Titre, Deg C	54.00-56.00	55.4
9	% C12:0(Lauric Acid), Max	<=1.00	0
10	%C14:0(Myristic Acid), Max	<= 3.00	0.2
11	% C16:0(Palmitic Acid)	50.00-60.00	55.64
12	%C18:0 (Stearic Acid)	40.00-50.00	43.58
13	%C18:1 (Oleic Acid), Max	<3.00	0.2
14	%C20:0(Arachidic Acid), Max	<1.50	0.14

COMMENTS : It is not Flammable, Safe to use on skin, For external use only

INCI Name :	STEARIC ACID
CAS Number :	57-11-4

Approved By

