



# ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

<b>Material Name</b>	Lactic Acid	<b>Batch No.</b>	7500238463
		<b>Mfg Date</b>	22/09/2023
<b>Manufacturer</b>	Art Vatika	<b>Exp Date</b>	22/09/2028

S. No.	Characteristic	Unit	Lower Limit	Upper Limit	Value
1	Color fresh	APHA	---	50	15
2	Assay	%(w/w)	87.5	88.5	88.2
3	Color after 6 months	APHA	---	50	---
4	Odor	---	Characteristic	---	---
5	Taste	---	Acid	---	---
6	Stereochemical purity (S) - enantiomer	%	97.0	---	---
7	Sulfated ash	%(w/w)	---	0.10	---
8	Heavy metals total	mg/kg	---	10	---
9	Iron	mg/kg	---	10	---
10	Lead	mg/kg	---	0.5	---
11	Mercury	mg/kg	---	1	---
12	Cyanide	mg/kg	---	1	---
13	Citric, oxalic, phosphoric, tartaric acid	---	Passes test	---	---
14	Arsenic	mg/kg	---	1	---
15	Positive test for acid	---	Passes test	---	---
16	Positive test for lactate	---	Passes test	---	---
17	Density (20°C)	g/ml	1.20	1.22	---
18	Calcium	mg/kg	---	20	---
19	Chloride	mg/kg	---	10	---
20	Sulfate	mg/kg	---	20	---
21	Sugars	---	Passes test	---	---
22	Readily carbonizable substances	---	Passes test	---	---
23	Volatile fatty acids	---	Passes test	---	---
24	Ether insolubles	%(w/w)	---	0.7	---
25	Methanol	%(w/w)	---	0.2	---
26	Form	---	Syrupy liquid	---	---
27	Solubility	---	Soluble/Miscible in water and	---	---
28	Clarity of solution	---	Clear	---	---

<b>INCI Name :</b>	Lactic Acid
<b>CAS Number :</b>	79-33-4

<b>Approved By</b>
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