



ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

Material Name	Sodium Lactate	Batch No.	S2203200461
		Mfg Date	3/11/2024
Manufacturer	Art Vatika	Exp Date	3/10/2029
S. No.	Test Parameter	Specification	Result
1	Density (at 20°C)	1.32-1.34/g/mL	1.325/mL
2	pH 20%(v/v)	6.5-7.5	7.0
3	Refractive Index at 25 Deg C	1.421-1.424	1.423
4	Colour, fresh	Max 50Apha	20Apha
5	Stereochemical purity (L-isomer)	Min 97%	98.2%
6	Assay sodium	12.1-12.5%	12.3%
7	Sodium lactate content	Min 60.0%	60.2%
8	Acidity	Max 0.5%	<0.5%
9	Chloride	Max 50ppm	<50ppm
10	Sulphate	Max 20ppm	< 20ppm
11	Total Heavy metals	Max 5ppm	< 5ppm
12	Lead	Max 2ppm	< 2ppm
13	Arsenic	Max 1.5ppm	< 1.5ppm
14	Mercury	Max 1ppm	<1ppm
15	Cyanide	Max 0.3ppm	< 0.3ppm
16	Methanol and Methyl Esters	Max 0.025%	< 0.025%
17	Citrate, oxalate, phosphate, or tartrate	Passes test	Passes test
18	Reducing substances (sugars)	Passes test	Passes test
INCI Name:			
CAS Number :	867-56-1,72-17-3 (general CAS number)		

Approved By

