

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Lactic Acid 80 %
2. Batch Number & Mfg Date	As mentioned on Label
3. Date Of Exp	3 Years from Mfg Date
4. Date of Analysis	Feb-2024
5. CAS No.	79-33-4

Description	"Syrupy and hygroscopic liquid. Soluble in water and alcohol"
Density (20 ° C)	1,18 – 1,19 g/ml
Color (fresh solution)	111 hazen
Positive test for lactate	Passes test
Total acidity (as lactic acid)	80,0 % (w/w)
Stereochemical purity	Min. 97 % L(+)
Heavy metals (as Pb)	Max. 10 ppm
Iron	Max. 10 ppm
Calcium	Max. 10 ppm
Chloride	Max. 10 ppm
Sulphate	Max. 10 ppm
Sulphated ash	Max. 0,1 % (w/w)
Cyanide	Max. 5 ppm
Lead	Max. 0,5 ppm
Arsenic	Max. 1 ppm
Mercury	Max. 1 ppm
Reducing substances (sugars)	Passes test
Citric, oxalic, tartaric and phosphoric acids	Passes test