

# Specification Sheet

## Lactic Acid 88%

FCC Grade

Component	Formula	Mol. Weight	CAS No.	Percent
Lactic Acid	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	90.08	79-33-4	88

### Specification

Assay as C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	87.5 – 88.5%
Chloride	0.1% max
Cyanide	5 mg/kg max
Sulfate	0.1% max
Iron	10 mg/kg max
Lead	0.5 mg/kg max
Arsenic	3 mg/kg max
Citrate, Oxalate, Phosphate, or Tartrate	passes FCC test
Residue on Ignition (sulfated ash)	0.1% max
Reducing Sugars	passes FCC test
Appearance	Clear, Pale Yellow liquid
Color	50 APHA max
Odor	agreeable
Stereochemical Purity	95% min.

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