

Musashino Chemical Laboratory, Ltd.

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H Plus Ltd.

To whom it may concern,

SPECIFICATION

Name of Goods : Lactic Acid 88%

Description.....	A colorless or slightly yellow syrupy liquid, miscible with water, with alcohol and with ether.
Identification.....	(A) Strongly acidic. (B) Between 1.20 and 1.21. (C) It gives the reaction of lactates.
Appearance of the substance.....	It is not more intensely coloured than reference solution
Citric, oxalic, phosphoric acids.....	Any opalescence in the solution is not more intense than standard solution
Sulphates.....	Not more than 0.02%
Calcium.....	Not more than 0.02%
Heavy metals.....	Not more than 0.001%
Volatile fatty acids.....	No unpleasant odour resembling that of lower fatty acids is recognizable
Sugars and other reducing substance.....	No red or greenish precipitate is formed
Ether-insoluble substances.....	The solution is not more opalescent than the solvent used for the test
Sulphated ash.....	Not more than 0.1%
Assay.....	Between 88.0 and 92.0%

Yours very truly,

Musashino Chemical Laboratory, Ltd.



Ryoko Chida

Quality Assurance Manager