

SPECIFICATION

Lactic Acid

Japanese Food Additives

REQUIREMENT	SPECIFICATION
Description	White to light yellow solid or colorless to light yellow, clear liquid / odorless or little no unpleasant odor / acid taste
Identification	to pass test
Purity	-
(1) Clarity of solution	to pass test
(2) Citric acid, oxalic acid, tartaric acid, and phosphoric acid	to pass test
(3) Sulfate	not more than 0.010% as SO ₄ for 80% lactic acid
(4) Cyanide	to pass test
(5) Lead	not more than 2 μg/g as Pb for 80% lactic acid
(6) Iron	not more than 10 μg/g as Fe for 80% lactic acid
(7) Arsenic	not more than 3 μg/g as As for 80% lactic acid
(8) Volatile fatty acids	to pass test
(9) Methanol	not more than 0.20% (v/w) as CH ₃ OH for 80% lactic acid
(10) Readily carbonizable substances	to pass test
Residue on ignition	not more than 0.1%
* Assay	85.5~94.5%

Japan's Specifications and Standards for Food Additives
(*:95~105% of the labeled content)