

SHOWA KAKO CORPORATION

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Quality Specification

Product : Sodium lactate

Grade	JSFA8
Chemical name	DL-Sodium lactate solution
CAS No.	72-17-3
Chemical formula	C ₃ H ₅ NaO ₃
M.W.	112.06

【 Requirements 】

Test Item	Specification
Description	Sodium lactate is a colorless, clear, syrupy liquid. It is odorless or has a slight, characteristic odor.
Identification test	Passes the test
pH	6.5-7.5
Sulfate	0.012 % max.(as SO ₄ for 60% solution)
Heavy metals	20 µg/g max.(as Pb for 60% solution)
Iron	10 µg/g max.(as Fe for 60% solution)
Arsenic	4.0 µg/g max.(as As ₂ O ₃ for 60% solution)
Volatile fatty acids	Passes the test
Methanol	0.20 v/w % max.(for 60% solution)
Assay	50.0-55.0%