

SHOWA KAKO CORPORATION

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Quality Specification

Product : Sodium L-lactate

Grade	JSFA8
Chemical name	Sodium L-lactate solution
CAS No.	867-56-1
Chemical formula	$C_3H_5NaO_3$
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 (as SO_4)	0.012 % max.(for 60% solution)
Heavy metals (as Pb)	20 μ g/g max.(for 60% solution)
Iron (as Fe)	10 μ g/g max.(for 60% solution)
Arsenic (as As_2O_3)	4.0 μ g/g max.(for 60% solution)
Volatile fatty acids	Passes the test
Methanol	0.20 v/w % max.(for 60% solution)
Assay	50.0-55.0%