

Specification Of Sodium Lactate

1. Sodium Lactate 60%

Items	Standards
Appearance	Clear, colourless, slightly syrupy liquid
Solubility	Miscible with water and with alcohol
Identification A	Reaction of lactates
Identification B	Reaction of sodium
pH	5.0-9.0
Color fresh	≤ 50APHA
Stereo chemical purity(L-isomer)	≥95%
Chloride	≤0.05%
Sulphate	≤0.005%
Lead	≤0.0002%
Sugar	Passes test
Citrate/Oxalate/Phosphate/Tartrate	Passes test
Methanol and methyl esters	≤0.025%
Assay	≥60%
Cyanide	≤0.00005%

2. Sodium Lactate 90%

Items	Standards
APPERANCE	White powder
Assay (%)	90.0min
Water content (%)	3.0 max
pH	6.5-7.5
Heavy metals total (ppm)	10 max
Chloride (ppm)	50 max
Arsenic (ppm)	1 max
Sulphate (ppm)	100 max
Iron (ppm)	50 max
Residual sugar	Pass test
Citric, oxalic, phosphoric, tartaric acid	Pass test