

Sodium Lactate 60% Excel

Physico-Chemical Properties			
	Unit	Specification	Test Values
Description	-	Colorless or yellow syrup liquid	Colorless or yellow syrup liquid
Identification (Lactate)	-	Passes test	Passes test
Density (@ 20°C/ 68 °F)	g/ml	1.32- 1.34	1.32 – 1.34
pH (fresh solution)	-	6.5 – 8.5	8.1
pH (20% solution)	-	6.5 – 7.5	7.1
Sensory Characteristics			
Color (fresh solution)	Hazen	Max. 50	15
Purity			
Sodium Lactate content	% w/w	60-61	60.4
Sodium content	% w/w	12.3 – 12.6	12.4
Total acidity (as lactic acid)	% w/w	Max. 0.3	0.05
Stereochemical purity	% L (+)	Min. 97	Min. 97
Heavy metals (as Pb)	ppm	Max. 10	Max. 10
Iron	ppm	Max. 10	Max. 10
Chloride	ppm	Max. 50	Max. 50
Sulphate	ppm	Max. 20	Max. 20
Cyanide	ppm	Max. 0.3	Max. 0.3
Lead	ppm	Max. 2	Max. 2
Arsenic	ppm	Max. 1	Max. 1
Mercury	ppm	Max. 1	Max. 1
Reducing substances (sugars)	-	Passes test	Passes test
Citrate, Oxalate, Phosphate or tertrate	-	Passes test	Passes test
Methanol and methyl esters	ppm	Max. 50	Max. 50

