

Certificate of Analysis

Product: Sodium Lactate 60%
Item Number: C7553
Grade: FCC
Lot Number: 2212000779
Manufacture Date: 12/21/2022
Expiration Date: 12/20/2024
Country of Origin: United States

Tested Property	Specification	Analysis
Color (APHA)	≤25	11
Assay	58.8 - 61.2 % (w/w)	60.2
Assay, Sodium	12.1 - 12.6 % (w/w)	12.4
Density @ 20°C	1.32 - 1.34 g/ml	1.32
pH (direct)	6.5 - 8.5	8.1
pH 10% (16.7g product + 83.3g water)	6.0 - 7.5	7.2
Odor	To pass the test	Passes
Clarity of solution	Clear	Clear
Positive test for sodium	To pass the test	Passes
Positive test for lactate	To pass the test	Passes
Stereochemical purity L-isomer	≥95%	≥95
Cyanide	≤0.3mg/kg	≤0.3
Lead	≤2 ppm	≤2
Methanol/Methylesters (as Methanol)	≤0.025% (w/w)	≤0.025
Chloride	≤0.03% (w/w)	≤0.03
Sulfate	≤0.003% (w/w)	≤0.003
Citrate, oxalate, phosphate, tartrate	To pass the test	Passes
Sugars	To pass the test	Passes
Color reaction with catechol	To pass the test	Passes
Test after Ignition	To pass the test	Passes

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