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Certificate of Analysis

Product Description: Sodium Chloride, cell culture reagent

Catalog Number: 194738

Lot: R23784

Formula: NaCl

CAS #: 7647-14-5

Physical Description: White Crystalline Powder

Formula Weight: 58.44

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99.5\%$	100.4%
pH (5% aq soln)	5.0 - 9.0	6.99

Acidity or Alkalinity: Passes Test

Loss on Drying: 0.03%

Limit of Bromides: Passes Test

Iodides: Passes Test

Aluminum: $<0.05 \mu\text{g/g}$

Magnesium and Alkaline-earth Metals: 0.0004%

Arsenic: $<1 \mu\text{g/g}$

Iron: $<2 \mu\text{g/g}$

Barium: Passes Test

Ferrocyanides: Passes Test

Sulfate: Passes Test

Nitrites: Passes Test

Limit of Phosphates: $<0.0025\%$

Limit of Potassium: $<0.01\%$

Heavy Metals: $<5 \text{ ppm}$

02/15/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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