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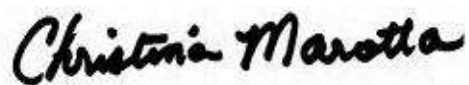
Certificate of Analysis

Product Description: Potassium Chloride, ACS
Catalog Number: 191427
Lot: M7654**Formula:** KCl
CAS #: 7447-40-7
Physical Description: Powder**Formula Weight:** 74.55
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.0 - 100.5%	99.51%
pH (5% aq soln)	5.4 - 8.6	6.15
Insoluble Matter	≤0.005%	0.002%
Iodide	≤0.002%	<0.002%
Bromide	≤0.01%	<0.01%
Chlorate and Nitrate	≤0.003%	<0.003%
Phosphate	≤5 ppm	<5 ppm
Sulfate	≤0.001%	<0.001%
Barium	Passes	Passes
Heavy Metals (as Pb)	≤5 ppm	<5 ppm
Iron	≤3 ppm	<3 ppm
Calcium	≤0.002%	0.0009%
Magnesium	≤0.001%	0.0003%
Sodium	≤0.005%	0.004%

Loss on drying: 0.09%

Organic Volatile Impurities: Passes test

A handwritten signature in black ink that reads "Christina Marotta". The signature is written in a cursive, flowing style.

09/16/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
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