

MP Biomedicals, LLC29525 Fountain Parkway
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Certificate of Analysis

Product Description: Potassium Bicarbonate, ACS
Catalog Number: 152557
Lot: Q8155**Formula:** KHCO_3
CAS #: 298-14-6
Physical Description: White Crystalline Powder**Formula Weight:** 100.12
Storage: 15 - 30°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.7 - 100.5%	100.39% (anhydrous basis)
Insoluble Matter	$\leq 0.01\%$	0.003%
Chloride	$\leq 0.001\%$	$< 0.001\%$
Phosphate	≤ 5 ppm	< 5 ppm
Sulfur Compounds	$\leq 0.003\%$	$< 0.003\%$
Ammonium	≤ 5 ppm	< 5 ppm
Calcium, Magnesium and R_2O_3 ppt	$\leq 0.005\%$	Passes
Heavy Metals	≤ 5 ppm	< 5 ppm
Iron	≤ 5 ppm	< 5 ppm
Sodium	$\leq 0.03\%$	0.028%

Loss on Drying: 0.94 % (over silica gel/4h)
Recommended Retest Date: 05/24/202012/05/2017 - John Huang, PhD
MP Biomedicals, LLC.

Quality Control Manager

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