



Certificate of Analysis

Product Name: **Potassium Chloride USP**
 Country of Origin: **United States**
 Batch Number: **K11656**
 Manufacture Date: **Dec. 20, 2011**
 PureBulk Lot Number: **20130327-05**
 Test Date: **June 22, 2012**
 Retest Date: **Dec. 20, 2014**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Potassium Chloride (Titration)	99.0-100.5%	99.13%
Potassium	Report only	54.43%
Identification (ATR FT-IR)	Positive	Confirmed

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Acidity and alkalinity	To pass test	Passes test
Loss on Drying	≤ 1.0%	0.02%
Organic Volatile Impurities	Meets requirements	Meets requirements
Particle Size (Between a 20-60 mesh)	≥ 92.0%	> 92.0%
Residual Solvents	Meets requirements	Meets requirements
Heavy Metals	≤ 10 ppm	< 5 ppm
Aluminum	≤ 1.0 ppm	< 1.0 ppm
Bromide	≤ 0.1%	< 0.1%
Calcium and Magnesium	To pass test	Passes test
Iodide	≤ 0.005%	< 0.005%
Lead	≤ 1.0 ppm	< 1.0 ppm
Sodium	To pass test	Passes test
Conclusion:	This product conforms to enterprise standards.	

Storage Conditions: **Keep in sealed container under 25°C.**
Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Kaitlyn Lindorfer /Brenda Bristow

(This document was produced electronically and is valid without signature.)