

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM CARBONATE  
Product Number P614  
Lot Number 99D61401  
Storage Temperature Room Temperature  
Molecular Weight 138.2  
Formula  $K_2CO_3$   
CAS Number 584-08-7

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	10.2
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Crystalline Powder that may have Clumps	PM-4 White Crystalline Powder, form clumps
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	Passes
Insolubles	None	Passes
Purity	Minimum 98.5%	100%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Testing Concentration: 100.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	African Violet	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United State of America and is of synthetic nature. No animal or plant components were used in the manufacture of this product.

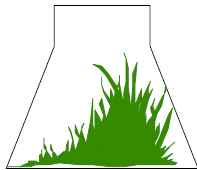
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Date of Release: 07-August-2017

Recommended Shelf Life Date: August 2022



David S. Hart  
Technical Director



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Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>

