

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM HYDROXIDE  
ACS REAGENT  
Product Number P672  
Lot Number 08F67210  
Storage Temperature Room Temperature  
Molecular Weight 56.11  
Formula KOH  
CAS Number 1310-58-3

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 56.11 mg/mL	Passes
pH (1.0 N Soln.)	13.0 – 14.0	13.87
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Pellets	RM-2 White Pellets
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 85.0%	88.0%

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

## Biological Testing:

Test Concentration: 5.0 mL/L of a 1 N Solution

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would adversely affect plant growth or cause morphological aberrations.	Boston Fern	Passes
	Tobacco Callus	Passes

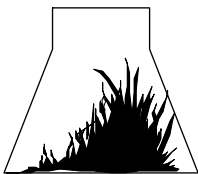
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life: June 2013



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories, LLC  
Dedicated to Growth

### **PhytoTechnology Laboratories, LLC**

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>

Created on 11 Aug 2008