

# CERTIFICATE OF ANALYSIS

Product Description POTASSIUM HYDROXIDE  
ACS REAGENT  
Product Number P672  
Lot Number 13K0672016  
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 (1N)	Passes
Physical Appearance Color* Texture	RM-1 to RM-3 or RM-31 Pellets	RM-31 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%	86.70%

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

## Biological Testing:

Test Concentration: 5 mL/L of 1N solution

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure that no phytotoxic impurities are present that would cause morphological aberrations to plants.	Dianthus	Passes
	Hosta	Passes

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

**PhytoTechnology Laboratories®** 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: October 2021



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### **PhytoTechnology Laboratories®**

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