

# CERTIFICATE OF ANALYSIS

Product Description SODIUM HYDROXIDE  
Product Number S845  
Lot Number 13K0845004  
Storage Temperature Room Temperature  
Molecular Weight 40.00  
Formula NaOH  
CAS Number 1310-73-2

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 40 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 Dissolve	Within 2 min	Passes
Insolubles	None	Passes
Purity	Minimum 97%	99.20%

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

## Biological Testing:


Test Concentration: 5.0 mL (200mg)/L

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 cause morphological aberrations to plants.	Potato	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



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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 04 November 2013 DS