

CERTIFICATE OF ANALYSIS

Product Description SODIUM HYDROXIDE
Product Number S845
Lot Number 05F84503
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% | 97.9% |

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

Biological Testing:

Test Concentration: 1.0 mL/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. | African Violet | Passes |
| | Hosta | Passes |

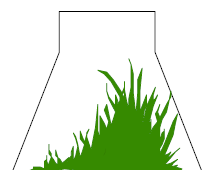
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: March 2018



Gary Seckinger, Ph.D.



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