

CERTIFICATE OF ANALYSIS

Product Description SODIUM HYDROXIDE
Product Number S845
Lot Number HMX0845006
Storage Temperature Room Temperature
Molecular Weight 40.00 g/mol
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	PM-1 to PM-4 Pellets	PM-1 White Pellets
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time Dissolve	For Information Only) (Approx. 2 min)	Passes
Insolubles	None	Passes
Purity	Minimum 97%	98.30%

* 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.	Xanthi Tobacco Callus	Passes
	Perilla Fantasy	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.

Date of Release: 13-January-2023

Recommended Shelf Life Date: January 2031



David Hart
Technical Director