

CERTIFICATE OF ANALYSIS

Product Description SODIUM CARBONATE
Product Number S7550
Lot Number HYE7550005
Molecular Weight 105.99
Formula Na₂CO₃
CAS Number 497-19-8
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 100mg/mL	Passes
pH (100 mg/mL)	Under Development	11.8
Physical Appearance Color* Texture	Under Development Under Development	PM-1 White Fine Powder
Solution Appearance Color Clarity	Under Development Under Development	Colorless Clear
Average Time to Dissolve	Under Development	1 min
Insolubles	None to Few	Passes-None
Purity	Under Development	99.83%

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

Biological Testing:

TEST SPECIFICATION	ALGAL CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants.	Perilla Fantasy	Passes
	Xanthi Tobacco callus	Passes

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

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Product Release Date: 19-February-2024

Recommended Shelf-Life Date: February 2032



David Hart
Technical Director