

# CERTIFICATE OF ANALYSIS

Product Description      SODIUM CARBONATE  
Product Number          S7550  
Lot Number                12D7550001  
Molecular Weight        105.99  
Formula                    Na<sub>2</sub>CO<sub>3</sub>  
CAS Number               497-19-8  
Storage Temperature     Room Temperature

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 100mg/mL	Passes
pH ( 100 mg/mL)	Under Development	11.7
Physical Appearance		
Color*	Under Development	PM-4 White
Texture	Under Development	Granulated Powder
Solution Appearance		
Color	Under Development	Colorless
Clarity	Under Development	Clear
Average Time to Dissolve	Under Development	Within 3 minutes
Insolubles	None	Passes
Purity	Under Development	100%

\* 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 algal growth.	<i>Synechocystis</i>	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.

**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 Date: May 2022



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PhytoTechnology  
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Dedicated to Growth

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