

# CERTIFICATE OF ANALYSIS

Product Description SODIUM PHOSPHATE, DIBASIC, HEPTAHYDRATE  
Product Number S745  
Lot Number HGE0745010  
Storage Temperature Room Temperature  
Molecular Weight 268.07  
Formula  $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$   
CAS Number 7782-85-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.17 g/L)	Under Development	9.9
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	PM-3 White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
Purity (anhydrous)	Minimum 98.0%	98.20%

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

## Biological Testing:

TEST SPECIFICATION	PLANT 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	Xanthi Tobacco Callus	Passes
	Ipomea Batatas	Passes

The material described in this certificate is of synthetic 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.**

Date of Release: 30-September-2024

Recommended Shelf-Life Date: September 2032



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