

CERTIFICATE OF ANALYSIS

Product Description	SODIUM PHOSPHATE, DIBASIC, HEPTAHYDRATE ACS REAGENT/ USP GRADE
Product Number	S745
Lot Number	06D74501
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	9.1
Physical Appearance Color* Texture	PM-1 to PM-4 Crystalline Powder	PM-1 Off- White Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	Passes
Insolubles	None	Passes
Purity (anhydrous)	Minimum 98.0%	99.1%

* 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	Cape Primrose	Passes
	African Violet	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.

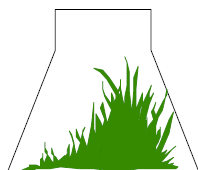
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Date of Release: 26-July-2017

Recommended Shelf Life Date: July-2022



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