

CERTIFICATE OF ANALYSIS

Product Description PSK-ALPHA
Product Number P6633
Lot Number HWT6633008
Molecular Weight 846.88
Formula $C_{33}H_{46}N_6O_{16}S_2$
Storage Temperature $-20^{\circ}C$ ($-80^{\circ}C$ When Possible)

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
Physical Appearance Color* Texture	Under Development Under Development	PM-1 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	Under Development	None
Purity	Minimum 95%	97.24%
Molecular Weight via Mass Spectrometry	846.88 g/mol	846.88

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

Biological Testing:

Test Concentration: 1.0 mg/L


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
	Parrot Feather	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.

Date of Release: 23-June-2025

Recommended Shelf-Life Date: December 2027

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician