

CERTIFICATE OF ANALYSIS

Product Description	POTASSIUM IODIDE USP GRADE		
Product Number	P640		
Lot Number	15F0640002		
Storage Temperature	Room Temperature	Formula	KI
Molecular Weight	166.00	CAS Number	7681-11-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water at 10 mg/mL	Passes
pH	Under Development	6.0
Physical Appearance		
Color*	PM-1 to PM-4	PM-4 White
Texture	Crystals and Powder	Crystals And Powder
Insolubles	None	Passes
Purity	99.0 – 101.5%	99.55%
Alkalinity	To Pass Test	Passes
Loss on Drying	Maximum 1.0%	0.13%
Iodate	Maximum 0.0004%	<0.0004%
Nitrate, Nitrite, & Ammonia	To Pass Test	Passes
Thiosulfate & Barium	To Pass Test	Passes
Heavy Metals	Maximum 0.001%	<0.001% %
Identification	To Pass Test	Passes

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

Biological Testing:

Test Concentration: 0.3 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	Tobacco Callus	Passes
	Coreopsis	Passes

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

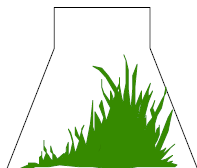
PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. 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.

Manufacture Date: March 2015

Expiration Date: April 2023



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
 Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
 Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
 Visit our Web Site at <http://www.phytotechlab.com>



Created on 25 June 2015 JN