

# CERTIFICATE OF ANALYSIS

Product Description CHARCOAL  
ACTIVATED, ACID WASHED  
Product Number C325  
Lot Number HMA0325071  
Storage Temperature Room Temperature  
Molecular Weight 12.01 g/mol  
Formula C  
CAS Number 7440-44-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Insoluble; Forms Suspension in Water	Passes
Physical Appearance Color* Texture	2119-10 or 2127-10 Fine to Coarse Powder	2126-10 Black Fine Powder
Solution Appearance Clarity Color	Opaque, Grainy Dark Gray to Black	Opaque, Grainy Black

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

## Biological Testing:

Test Concentration: 2.0 g/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants	B73 Corn Callus	Passes
	Tobacco Callus	Passes

The material described in this certificate is highly refined, so as to be considered synthetic from plant starting material. No animal-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: 11-January-2021

Recommended Shelf Life Date: January 2029



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