Certificate of Analysis

OVERALL RESULT, LOT KJF12501

All 13 tested rows within specification.

It does not cover everything on the label. See "Not covered by this certificate".

13/13 PASS

PRODUCT NAME	LOT NUMBER	TESTING COMPLETED
Grow Strips	KJF12501	Not stated

01 Label amounts

PER LABELED SERVING

ANALYTE	RESULT	SPECIFICATION	METHOD	LOQ
Biotin 5000 mcg 110% of the label amount.	109.8 %	Not less than 90.0 % of the label claim	LC-MS	NS
Folate 400 mcg DFE (240 mcg Folic acid) 111% of the label amount.	110.8 %	Not less than 90.0 % of the label claim	HPLC	NS
Vitamin D3 (Cholecalciferol) 20 mcg 113% of the label amount.	112.5 %	Not less than 90.0 % of the label claim	NS	NS

02 Heavy metals

METHOD NOT STATED ON THE SOURCE

ANALYTE	RESULT	LOQ	LOD	LIMIT	PASS/FAIL
Lead (Pb)	Less Than 3.0 ppm	NS	NS	Not More Than 3.0 ppm	PASS
Under the limit. The source gives no measured figure.					
Cadmium (Cd)	Less Than 1.0 ppm	NS	NS	Not More Than 1.0 ppm	PASS
Under the limit. The source gives no measured figure.					
Arsenic (As)	Less Than 1.0 ppm	NS	NS	Not More Than 1.0 ppm	PASS
Under the limit. The source gives no measured figure.					
Mercury (Hg)	Less Than 0.1 ppm	NS	NS	Not More Than 0.1 ppm	PASS
Under the limit. The source gives no measured figure.					

03 Microbes

METHOD NOT STATED ON THE SOURCE

MICROBE	RESULT	LIMIT	METHOD	PASS/FAIL
Total Aerobic Microbial Count About 5% of the limit.	50 cfu/g	Not More Than 1000 cfu/g	NS	PASS
Total Yeast and Molds Count Under 10% of the limit.	<10 cfu/g	Not More Than 100 cfu/g	NS	PASS
Escherichia coli None found.	Absent/g	Should be Absent / g	NS	PASS
Salmonella None found.	Absent/10 g	Should be Absent / 10 g	NS	PASS
Pseudomonas aeruginosa None found.	Absent/g	Should be Absent / g	NS	PASS
Staphylococcus aureus None found.	Absent/g	Should be Absent / g	NS	PASS

04 Identity

TEST	RESULT	LIMIT	METHOD
Biotin	Matches the reference standard	Retention time matches the standard	LC-MS
Folate	Matches the reference standard	Retention time matches the standard	HPLC
Vitamin D3 (Cholecalciferol)	Matches the reference standard	Retention time matches the standard	HPLC

05 Physical tests

TEST	RESULT	LIMIT	METHOD
Disintegration time	38 seconds	Not more than 60 seconds	NS
Average weight	100.20 mg	90.00 to 110.00 mg	NS
Moisture content	4.40 %	3.0 to 6.0 %	Karl Fischer

06 Pesticides

TEST	RESULT	LIMIT	METHOD
Specified pesticides	Complies	Free from specified pesticides	NS

NOT COVERED BY THIS CERTIFICATE

Heavy metals and pesticides as measured figures. The source gives pass or fail only.

Allergens.

A test date, and the name of the testing laboratory.

NOTES

NS = not stated on the source. LOD = limit of detection. LOQ = limit of quantification. CFU = colony forming unit. <LOQ = below the limit of quantification. The line under a row is IngredientMD's reading of that row against its own limit.

The manufacturer's certificate names no testing laboratory. IngredientMD read the manufacturer's certificate against the label and reissued it for the tested lot. The source is a representative certificate: it speaks for the tested lot, not for each unit. **Labs run the tests. IngredientMD reviews the results.**

DISCLAIMER

The manufacturer states that this lot was tested using validated methods under current Good Manufacturing Practices. Values reported relate only to the lot tested. This document is IngredientMD's reissue of the manufacturer's certificate and is provided for general quality and informational purposes only. It makes no claim as to the efficacy or safety of the product, or other risks associated with any detected or non-detected levels of the compounds reported herein. This certificate shall not be reproduced, except in full, without the written approval of IngredientMD.