



Certificate of Analysis

VM Nutritional, Inc.
79 W. 4510 S. Suite #23
Murray, UT 84107

PRODUCT LOT NUMBER: 121431
 PRODUCTION START DATE: 5/22/2012

REPORT OF ANALYSIS

PRODUCT: Natural Cellular Defense (NCD 2), 15 ml
 CUSTOMER: WAIORA

SPECIFICATION	RANGE	BATCH VALUE
Appearance	turbid liquid	CONFORMS
Color	beige	CONFORMS
Odor	Characteristic	CONFORMS
pH (25 C)	4.5 – 5.5	5.4
Specific Gravity	1.06-1.10 g/ml	1.0791
Total Solids	2.20 – 2.50 g/ 15ml	2.26
Particle Size	NTE 2.85um	2.766um
Microbial analysis	RANGE	BATCH VALUE
TPC	<1000 cfu/g	CONFORMS
Yeast and Mold	<100 cfu/g	CONFORMS

MATERIAL TYPE: (1) ZEOLITE (HYDRATED SODIUM POTASSIUM CALCIUM ALUMINOSILICATE) POWDER

Trace heavy Metals		Bulk Mineral Analysis – Dry material	
(2) Analyte	(mg/15ml)	(1) Analyte	Weight %
Antimony (Sb)	<0.001	SiO ₂	67.53
Arsenic (As)	<0.001	Al ₂ O ₃	12.73
Barium (Ba)	<0.001	Fe ₂ O ₃	0.20
Beryllium (Be)	<0.0001	CaO	3.95
Cadmium (Cd)	<0.0005	MgO	4.56
Chromium (Cr)	<0.001	SO ₃	0.01
Lead (Pb)	<0.001	NaO	1.45
Mercury (Hg)	<0.001	K ₂ O	3.25
Nickel (Ni)	<0.001	TiO ₂	0.02
Selenium (Se)	<0.002	P ₂ O ₅	0.04
Silver (Ag)	<0.001	Mn ₂ O ₃	0.02
Thallium (Tl)	<0.01	SrO	<0.01
U	<0.001	Cr ₂ O ₃	<0.01
Sr	<0.001	ZnO	0.10
Cs	<0.001	L.O.I (950 C)	6.08

Note: all results with less than (<) were below the detectable limit
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Certificate of Analysis

VM Nutritional, Inc.
79 W. 4510 S. Suite #23
Murray, UT 84107

PRODUCT LOT NUMBER: 121511
 PRODUCTION START DATE: 5/30/2012

REPORT OF ANALYSIS

PRODUCT: Natural Cellular Defense (NCD 2), 15 ml
 CUSTOMER: WAIORA

SPECIFICATION	RANGE	BATCH VALUE
Appearance	turbid liquid	CONFORMS
Color	beige	CONFORMS
Odor	Characteristic	CONFORMS
pH (25 C)	4.5 – 5.5	6.1
Specific Gravity	1.06-1.10 g/ml	1.09
Total Solids	2.20 – 2.50 g/ 15ml	2.37
Particle Size	NTE 2.85um	2.766um
Microbial analysis	RANGE	BATCH VALUE
TPC	<1000 cfu/g	CONFORMS
Yeast and Mold	<100 cfu/g	CONFORMS

MATERIAL TYPE: (1) ZEOLITE (HYDRATED SODIUM POTASSIUM CALCIUM ALUMINOSILICATE) POWDER

Trace heavy Metals		Bulk Mineral Analysis – Dry material	
(2) Analyte	(mg/15ml)	(1) Analyte	Weight %
Antimony (Sb)	<0.001	SiO2	67.53
Arsenic (As)	<0.001	Al2O3	12.73
Barium (Ba)	<0.001	Fe2O3	0.20
Beryllium (Be)	<0.0001	CaO	3.95
Cadmium (Cd)	<0.0005	MgO	4.56
Chromium (Cr)	<0.001	SO3	0.01
Lead (Pb)	<0.001	NaO	1.45
Mercury (Hg)	<0.001	K2O	3.25
Nickel (Ni)	<0.001	TiO2	0.02
Selenium (Se)	<0.002	P2O5	0.04
Silver (Ag)	<0.001	Mn2O3	0.02
Thallium (Tl)	<0.01	SrO	<0.01
U	<0.001	Cr2O3	<0.01
Sr	<0.001	ZnO	0.10
Cs	<0.001	L.O.I (950 C)	6.08

Note: all results with less than (<) were below the detectable limit
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