



Midwest Laboratories Inc.®

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REPORT OF ANALYSIS

For: (27198) MIDWEST RESEARCH
(816)360-1931

This report supersedes all prior reports for the following reason(s): sample desc

Report Number
11-333-2092 v4

Mail to: MIDWEST RESEARCH
GREG KARR
425 VOLKER BLVD
KANSAS CITY MO 64110

N2PK SUPERSTIM

Date Reported: 02/20/12
Date Received: 11/18/11
Date Sampled: Not Supplied
Time Sampled: Not Supplied

Lab number: 1925443 Sample ID: NF C 1114

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Total Kjeldahl Nitrogen	1.09	%	0.01	AOAC 2001.11	mgn-12/19	mjs-12/23
Phosphate Total (P2O5)	1.74	%	0.10	AOAC 16E 957.02E/ICP	mgn-12/19	mjs-12/23
Potash (K2O)	0.77	%	0.10	AOAC 16 ED 957.02E/ICP	mgn-12/19	mjs-12/23
Nitrate Nitrogen (N)	n.d.	%	0.01	AOAC15ED955.04(C)	mjs-12/23	mjs-12/23
Water Soluble Nitrogen	1.03	%	0.01	CALCULATED	mjs-12/23	mjs-12/23
Water Insoluble Nitrogen (WIN)	0.06	%	0.01	AOAC 15ED 945.01	mjs-12/23	mjs-12/23
Ammoniacal Nitrogen (N)	0.590	%	0.001	AOAC 15TH 920.03	mgn-12/19	mjs-12/23
Humic Acid	1.98	%	0.10	CALIF 4A 4/JC	mjs-12/23	mjs-12/23
pH	8.40	SU		PH METER	mjs-12/23	mjs-12/23
Total Carbon	5.120	%	0.050	C ANALYZER	mjs-12/23	mjs-12/23
Sulfur	0.10	%	0.05	ICAP	mgn-12/19	mjs-12/23
Calcium	1.05	%	0.01	ICAP	mgn-12/19	mjs-12/23
Boron (total)	7.8	mg/kg	5.00	EPA 6010	cjm-12/22	bab-12/23
Iron (Fe)	284	ppm	50.0	ICAP	mgn-12/19	mjs-12/23
Manganese	84	ppm	20.0	ICAP	mgn-12/19	mjs-12/23
Sodium	0.07	%	0.01	ICAP	mgn-12/19	mjs-12/23
Arsenic (total)	n.d.	mg/kg	10.0	EPA 6010	cjm-12/22	bab-12/23
Cadmium (total)	n.d.	mg/kg	0.50	EPA 6010	cjm-12/22	bab-12/23
Chromium (total)	5.2	mg/kg	1.0	EPA 6010	cjm-12/22	bab-12/23
Cobalt (total)	n.d.	mg/kg	1.00	EPA 6010	cjm-12/22	bab-12/23
Lead (total)	n.d.	mg/kg	5.0	EPA 6010	cjm-12/22	bab-12/23
Mercury (total)	n.d.	mg/kg	0.05	EPA 7471	cjm-12/22	bab-12/23
Molybdenum (total)	2.60	mg/kg	1.00	EPA 6010	cjm-12/22	bab-12/23



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Nickel (total)	4.3	mg/kg	1.0	EPA 6010	cjm-12/22	bab-12/23
Selenium (total)	n.d.	mg/kg	10.0	EPA 6010	cjm-12/22	bab-12/23
Zinc (total)	142	mg/kg	1.0	EPA 6010	cjm-12/22	bab-12/23
Copper (total)	20.1	mg/kg	1.0	EPA 6010	cjm-12/22	bab-12/23
Percent solids	10.60	%	0.01	SM 2540 G	raf-12/16	cmw-12/19
E. coli (MPN)	n.d.	mpn/g	0.3	FDA/BAM 8TH ED. CHAPTER 4	arj-11/21	kej-11/22
Fecal Coliform	n.d.	MPN/g	2	SM 9221E	bjl-11/19	kej-11/21
Salmonella	negative	org/25g	1	FDA V	arj-11/21	kej-11/22

Notes:

- n.d. - Not Detected.
- AOAC - Association of Official Analytical Chemists.
- ICAP - Inductively Coupled Argon Plasma.

For questions contact

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