

CA Protocol - Heavy Metal Analysis in Fertilizer

Name: VF11 Industries, Inc

Patricia Villareal

Field: Hollister, CA

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Client #: 4763

Lab #: 76162

ID: Eleanors VF11



4915 West Monte Cristo Road ♦ Edinburg, Texas 78541

Telephone: 956-383-0739 ♦ Facsimile: 956-383-0730

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Analytical and Consulting Agronomic Laboratory.

			Level Found mg/kg	Detection Limit mg/kg	E.P.A. M.C.L. mg/kg
Analysis: California Analyte Protocol					
Digestion / Prep Method: E.P.A. 3050 B					
Cd	Cadmium	Method: EPA 6010B	< 0.50	0.50	39
Cr	Chromium	Method: EPA 6010B	< 1.00	1.00	
Pb	Lead	Method: EPA 6010B	< 1.00	1.00	300
Hg	Mercury	Method: EPA 7474	< 0.50	0.50	17
As	Arsenic	Method: EPA 6010B	< 1.00	1.00	41
Mo	Molybdenum	Method: EPA 6010B	3.24	0.05	* 18
Se	Selenium	Method: EPA 6010B	< 1.00	1.00	* 100
Ni	Nickel	Method: EPA 6010B	< 0.05	0.05	420
Co	Cobalt	Method: EPA 6010B	0.05	0.01	
Zn	Zinc	Method: EPA 6010B	6.14	0.01	* 2800
Cu	Copper	Method: EPA 6010B	1.15	0.05	* 1500

Numerous interpretive standards exist for heavy metals. They often are contradictory because they reflect the varying objectives of the originating organizations and regulatory agencies. Most standards currently are undergoing review and therefore are subject to revision. The supplied EPA Limits are only a guide and may have changed, please contact your local county agent for detailed recommendations.

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