



KIRBY MEMORIAL HEALTH CENTER

71 N. Franklin Street, Wilkes-Barre, PA 18701-1391 (570)823-5450 FAX: (570)825-9926 PADEP #40-115

Crayon Rocks LLC
 Attn: Barbara Lee
 7053 Vernon Road,
 Hestand, KY 42151

December 19, 2014

DATE RECEIVED:	November 17, 2014
SAMPLE DESCRIPTION:	Composite of 6 Crayon Samples
ANALYSIS REQUESTED:	Soluble Heavy Metals

RESULTS:

<u>Sample ID Number</u>	<u>Sample Description</u>	<u>Test</u>	<u>Result</u> (ug/g)	<u>Date/Analyst</u>	<u>Method</u>
ACM14-0753-1	Composite of 6 Crayon Samples* (Brown, Tan, Winter Red, Red, Orange Dark Yellow)	Aluminum	1.00	12-2-14; MP	A
		Antimony	<0.20	12-2-14; MP	A
		Arsenic	<0.20	12-2-14; MP	A
		Barium	110	12-2-14; MP	A
		Boron	<25.0	12-3-14; JM	B
		Cadmium	<0.20	12-2-14; MP	A
		Chromium	<0.20	12-2-14; MP	A
		Cobalt	<0.20	12-2-14; MP	A
		Copper	<0.20	12-2-14; MP	A
		Lead	<0.20	12-2-14; MP	A
		Managanese	0.90	12-2-14; MP	A
		Mercury	<0.20	12-2-14; MP	A
		Nickel	<0.20	12-2-14; MP	A
		Selenium	<0.20	12-2-14; MP	A
		Strontium	3.00	12-3-14; JM	B
Tin	<0.50	12-12-14; JGY	A**		
Zinc	0.35	12-2-14; MP	A		

*Composite sample prepared by the laboratory.

**Analysis Subcontracted

ANALYSIS REPORT

Revision 1

Page 2 of 2

METHOD: EN-71 Part 3 (July 2013)
(1.0 grams of sample per 50ml 0.07 N HCl)


METHOD OF ANALYSIS:

A. EPA 200.8 (ICP-MS)

B. EPA 200-7 (ICP)

Reviewed, Approved, and Respectfully Submitted by:

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4. Specimens are retained for 6 months; test reports and test data are retained 10 years from date of final test report and then disposed of, unless instructed otherwise in writing.



Danielle Cappellini, B.Sc., M.H.A.
Director of Laboratory



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December 23, 2014

DATE RECEIVED:	November 17, 2014
SAMPLE DESCRIPTION:	Composite of 5 Crayon Samples
ANALYSIS REQUESTED:	Soluble Heavy Metals

RESULTS:

<u>Sample ID Number</u>	<u>Sample Description</u>	<u>Test</u>	<u>Result</u> (ug/g)	<u>Date/Analyst</u>	<u>Method</u>
ACM14-0753-2	Composite of 5 Crayon Samples* (Black, White Light Yellow, Purple, Dark Blue)	Aluminum	35.5	12-2-14; MP	A
		Antimony	<0.20	12-2-14; MP	A
		Arsenic	<0.20	12-2-14; MP	A
		Barium	<0.20	12-2-14; MP	A
		Boron	<25.0	12-3-14; JM	B
		Cadmium	<0.20	12-2-14; MP	A
		Chromium	0.20	12-2-14; MP	A
		Cobalt	<0.20	12-2-14; MP	A
		Copper	<0.20	12-2-14; MP	A
		Lead	<0.20	12-2-14; MP	A
		Managanese	0.20	12-2-14; MP	A
		Mercury	<0.20	12-2-14; MP	A
		Nickel	<0.20	12-2-14; MP	A
		Selenium	<0.20	12-2-14; MP	A
Strontium	<2.50	12-3-14; JM	B		
Tin	<0.50	12-12-14; JGY	A**		
Zinc	0.55	12-2-14; MP	A		

*Composite sample prepared by the laboratory.

**Analysis Subcontracted

METHOD: EN-71 Part 3 (July 2013)
(1.0 grams of sample per 50ml 0.07 N HCl)

METHOD OF ANALYSIS:

A. EPA 200.8 (ICP-MS)

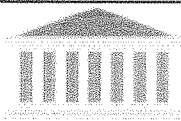
B. EPA 200-7 (ICP)

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December 23, 2014

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ANALYSIS REQUESTED:	Soluble Heavy Metals

RESULTS:

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ACM14-0753-3	Composite of 2 Crayon Samples* (Silver, Winter Green)	Aluminum	79.5	12-2-14; MP	A
		Antimony	<0.20	12-2-14; MP	A
		Arsenic	<0.20	12-2-14; MP	A
		Barium	<0.20	12-2-14; MP	A
		Boron	<25.0	12-3-14; JM	B
		Cadmium	<0.20	12-2-14; MP	A
		Chromium	0.30	12-2-14; MP	A
		Cobalt	<0.20	12-2-14; MP	A
		Copper	<0.20	12-2-14; MP	A
		Lead	<0.20	12-2-14; MP	A
		Managanese	0.35	12-2-14; MP	A
		Mercury	<0.20	12-2-14; MP	A
		Nickel	<0.20	12-2-14; MP	A
		Selenium	<0.20	12-2-14; MP	A
		Strontium	2.50	12-3-14; JM	B
Tin	<0.50	12-12-14; JGY	A**		
Zinc	0.30	12-2-14; MP	A		

*Composite sample prepared by the laboratory.

**Analysis Subcontracted

METHOD: EN-71 Part 3 (July 2013)
(1.0 grams of sample per 50ml 0.07 N HCl)

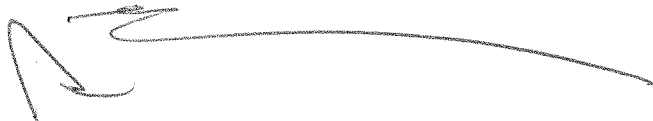
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