



February 9, 2009

In August 2008, the U.S. Congress passed the Consumer Products Safety Improvement Act (CPSIA) with limits on the amounts of lead, phthalates, and other chemicals in children's products that go into effect on February 10, 2009:

As of February 10, 2009, it is illegal for ANYONE (manufacturer, importer, retailer) to sell ANY children's product (toys, clothing, books, games, furniture, etc... intended for children 12 years old and under) with a lead content of more than 600 ppm (parts per million); that level then drops to 300 ppm on August 14, 2009. In addition, a regulation of phthalates (chemicals usually released from soft plastics/vinyls) also goes into effect limiting the amounts and types of phthalates in only certain children's products (toys that can fit in a child's mouth and products that facilitate in the care of a child, like feeding and sleeping).

The U.S. Consumer Product Safety Commission (CPSC) is in charge of enforcing these regulations, and over the past few months up to this very day, their policies of what (products), how (requirements), and when (deadlines) have been in a constant state of revision as they try to best interpret the intentions of the law as well as balance the concerns and capabilities of the various and vast children's product industries.¹ Although the rules of enforcement have and will continue to change, the basic laws limiting the amounts of lead (in all children's products) and phthalates (in toys and certain children's products) currently remains the same.²

Therefore, Maggie's Organics wants to reassure our customers that all of our children's products as of Feb 10, 2009 (children's socks, tights, baby bodysuits, and stuffed animals), meet these standards. We have tested a sample of each size and color of all the children's products that we currently had in-stock as of that date for lead content as well as a number of other harmful chemicals. As we expected, each product passed with lead content levels BELOW "Levels of Detection" (< LOD) with varying degrees of error. **We have provided the detailed test results of all of our children's products in this document.** In addition, we can say that all of our children's products, including the stuffed animals, do not contain any materials known to produce phthalates, namely PVC (found in soft plastic or vinyl). We are planning to have our stuffed animals tested for phthalates and will post those test results once we have them.

Furthermore, we are quite confident that all of the products we've made over the past years (for both children and adults) meet any current and future CPSIA requirements. Since December 2004, when the North American Organic Fiber Processing Standards (NAOFPS) were passed by the OTA board (have since been incorporated in the Global Organic Textile Standard - GOTS), all of our products have been manufactured according to the NAOFPS standard. The NAOFPS standard allows for only 100 ppm of lead and allows only water-based inks (which do not contain phthalates). All dyes we use meet or exceed the CPSIA lead standard, and all screen-print inks we use are phthalate-free.

Overall, our position is that the CPSIA law will help improve children's safety as well as grow the organic children's products industry. It is important that all of us work toward both protecting the health and safety of all people and improving the integrity of the organic products industry. We at Maggie's are proud to be a part of that effort.

¹ *On January 30, 2009, the CPSC delayed third party testing and certification requirements for one year to February 10, 2010. In addition, on February 6, 2009, CPSC announced that it will not penalize anyone for selling dyed textile children's goods that happen to be over the lead limit as long as the seller did not have knowledge that the product was in violation. However, some of the CPSC's interpretations of the law have been (and therefore may be) later overturned. For example, CPSC said the phthalates law was not retroactive to products produced before February 10, 2009, but a lawsuit recently overturned the CPSC's interpretation.*

² *Only the U.S. Congress has the authority to change the CPSIA law. An amendment is currently being proposed but its fate is uncertain.*

XRF Test Results - Maggie's Functional Organics

**ECOLOGY
CENTER**



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XRF Test Results

Company: Maggie's Functional Organics

Test Date: 1/29/2009

Product	Test Area	Lead (Pb)		Bromine (Br)		Barium (Ba)		Cadmium (Cd)		Antimony (Sb)		Selenium (Se)		Chromium (Cr)		Mercury (Hg)		Arsenic (As)	
		ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*
Penguin	Black	<LOD	11	79	4	<LOD	2,376	<LOD	95	299	67	<LOD	2	<LOD	58	<LOD	7	<LOD	3
	Natural	<LOD	9	83	3	<LOD	1,987	<LOD	83	286	59	<LOD	2	<LOD	42	<LOD	5	<LOD	3
	Tie Dye Hat	<LOD	8	104	3	<LOD	2,030	<LOD	73	<LOD	155	<LOD	2	<LOD	38	<LOD	5	<LOD	3
Sock Monkey - Black/Crew Belly	Black	<LOD	8	5	1	<LOD	2,018	<LOD	80	224	57	<LOD	2	80	21	<LOD	5	<LOD	3
	Natural	<LOD	8	3	1	<LOD	2,047	<LOD	77	214	54	<LOD	2	<LOD	38	<LOD	5	<LOD	3
Sock Monkey - Lavender/Crew Belly	Lavender	<LOD	9	<LOD	3	<LOD	2,312	<LOD	92	<LOD	195	<LOD	2	<LOD	54	<LOD	6	<LOD	3
	Natural	<LOD	9	<LOD	3	<LOD	2,138	<LOD	87	<LOD	185	<LOD	2	<LOD	41	<LOD	6	<LOD	3
Sock Monkey - Chocolate/Crew Belly	Chocolate	<LOD	8	<LOD	3	<LOD	1,934	<LOD	78	179	56	<LOD	2	<LOD	47	<LOD	6	<LOD	3
	Natural	<LOD	8	<LOD	3	<LOD	2,015	<LOD	78	174	55	<LOD	1	<LOD	41	<LOD	5	<LOD	3
Sock Monkey - O' Denim/Mantra Belly	Old Denim	<LOD	9	109	4	<LOD	1,994	<LOD	80	<LOD	169	<LOD	2	<LOD	45	<LOD	5	<LOD	3
	Natural	<LOD	9	104	3	<LOD	2,069	<LOD	77	271	55	<LOD	2	<LOD	50	<LOD	4	<LOD	3
Sock Monkey - Navy/Crew Belly	Navy	<LOD	9	81	3	<LOD	2,166	<LOD	85	<LOD	179	<LOD	2	<LOD	48	<LOD	5	<LOD	3
	Natural	<LOD	8	84	3	<LOD	1,990	<LOD	77	176	54	<LOD	2	<LOD	51	<LOD	5	<LOD	3
Sock Monkey - Lt Purple/Crew Belly	Light Purple	<LOD	8	93	3	<LOD	1,936	<LOD	76	194	54	<LOD	2	<LOD	50	<LOD	6	<LOD	3
	Natural	<LOD	10	116	4	<LOD	2,450	<LOD	87	<LOD	183	<LOD	3	<LOD	49	<LOD	6	<LOD	3
Sock Monkey - Gold/Mantra Belly	Goldenrod	<LOD	9	77	3	<LOD	2,040	<LOD	81	299	57	<LOD	2	<LOD	44	<LOD	5	<LOD	3
	Natural	<LOD	9	101	3	<LOD	2,314	<LOD	80	210	57	<LOD	2	<LOD	54	<LOD	5	<LOD	3
Sock Monkey - Yellow/Mantra Belly	Yellow	<LOD	9	73	3	<LOD	2,038	<LOD	79	224	56	<LOD	2	<LOD	43	<LOD	6	<LOD	3
	Natural	<LOD	9	89	3	<LOD	2,188	<LOD	83	<LOD	178	<LOD	2	<LOD	41	<LOD	6	<LOD	3
Sock Monkey - Denim /Mantra Belly	Denim	<LOD	8	58	3	<LOD	1,874	<LOD	78	190	55	<LOD	2	<LOD	42	<LOD	4	<LOD	3
	Natural	<LOD	8	78	3	<LOD	2,274	<LOD	79	186	56	<LOD	2	<LOD	52	<LOD	5	<LOD	3
Sock Monkey - Teal/Mantra Belly	Teal	<LOD	9	71	3	<LOD	1,965	<LOD	85	<LOD	181	<LOD	2	<LOD	41	<LOD	6	<LOD	3
	Natural	<LOD	8	75	3	<LOD	2,311	<LOD	82	205	58	<LOD	2	<LOD	43	<LOD	7	<LOD	3
Sock Monkey - Khaki/Crew Belly	Khaki	<LOD	9	<LOD	3	<LOD	2,080	<LOD	81	<LOD	172	<LOD	2	<LOD	49	<LOD	5	<LOD	3
	Natural	<LOD	8	4	1	<LOD	2,012	<LOD	81	<LOD	170	<LOD	2	<LOD	41	<LOD	5	<LOD	3
Sock Monkey - Eggplant/Crew Belly	Eggplant	<LOD	8	84	3	<LOD	1,914	<LOD	77	195	54	<LOD	2	<LOD	46	<LOD	5	<LOD	3
	Natural	<LOD	9	78	3	<LOD	2,158	<LOD	79	<LOD	167	<LOD	2	<LOD	44	<LOD	5	<LOD	3
Sock Monkey - Rasp/Mantra Belly	Raspberry	<LOD	8	74	3	<LOD	2,105	<LOD	82	192	58	<LOD	2	<LOD	50	<LOD	6	<LOD	3
	Natural	<LOD	10	100	4	<LOD	2,593	<LOD	92	<LOD	191	<LOD	3	<LOD	54	<LOD	6	<LOD	3
Sock Monkey - Pink/Crew Belly	Pink	<LOD	9	74	3	<LOD	2,133	<LOD	83	196	58	<LOD	2	<LOD	47	<LOD	6	<LOD	3
	Natural	<LOD	9	75	3	<LOD	2,053	<LOD	85	<LOD	177	<LOD	2	<LOD	52	<LOD	5	<LOD	3

XRF Test Results - Maggie's Functional Organics

Product	Test Area	Lead (Pb)		Bromine (Br)		Barium (Ba)		Cadmium (Cd)		Antimony (Sb)		Selenium (Se)		Chromium (Cr)		Mercury (Hg)		Arsenic (As)	
		ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*
Sock Monkey - Forest/Mantra Belly	Forest	<LOD	8	59	3	<LOD	1,903	<LOD	79	225	56	<LOD	2	<LOD	42	<LOD	5	<LOD	3
	Natural	<LOD	9	57	3	<LOD	2,439	<LOD	85	240	60	<LOD	2	<LOD	47	<LOD	6	<LOD	3
Sock Monkey - Olive/Mantra Belly	Olive	<LOD	9	84	3	<LOD	2,065	<LOD	81	<LOD	173	<LOD	2	<LOD	46	<LOD	5	<LOD	3
	Natural	<LOD	9	98	3	<LOD	2,110	<LOD	80	304	57	<LOD	2	<LOD	52	<LOD	5	<LOD	3
Anklet 2-Pak Natural - Infant	Natural	<LOD	6	11	1	<LOD	1,981	<LOD	72	<LOD	152	<LOD	2	<LOD	42	<LOD	5	<LOD	2
Anklet 2-Pak Natural - Toddler	Natural	<LOD	6	<LOD	2	<LOD	2,165	<LOD	74	<LOD	156	<LOD	1	<LOD	42	<LOD	4	<LOD	2
Anklet Tie Dye - Infant	Blue Dye	<LOD	6	<LOD	2	<LOD	1,856	<LOD	66	<LOD	141	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Red Dye	<LOD	6	<LOD	2	<LOD	1,971	<LOD	65	<LOD	137	<LOD	1	<LOD	34	<LOD	4	<LOD	2
	Green Dye	<LOD	6	<LOD	2	<LOD	1,880	<LOD	64	<LOD	135	<LOD	1	<LOD	34	<LOD	4	<LOD	2
Anklet Tie Dye - Toddler	Green Dye	<LOD	6	<LOD	2	<LOD	2,045	<LOD	68	<LOD	144	<LOD	1	<LOD	40	<LOD	4	<LOD	2
	Purple Dye	<LOD	6	<LOD	2	<LOD	1,900	<LOD	66	<LOD	141	<LOD	1	<LOD	38	<LOD	4	<LOD	2
	Yellow Dye	<LOD	6	<LOD	2	<LOD	2,009	<LOD	66	<LOD	139	<LOD	1	<LOD	38	<LOD	4	<LOD	2
Anklet Tri-Pak Red/Ylw/Blu - Infant	Red	<LOD	6	<LOD	2	<LOD	2,132	<LOD	69	<LOD	147	<LOD	1	<LOD	40	<LOD	4	<LOD	2
	Yellow	<LOD	6	<LOD	2	<LOD	2,122	<LOD	69	<LOD	148	<LOD	1	<LOD	37	<LOD	5	<LOD	2
	Blue	<LOD	6	7	1	<LOD	1,980	<LOD	65	<LOD	139	<LOD	1	<LOD	37	<LOD	4	<LOD	2
Anklet Tri-Pak Red/Ylw/Blu - Toddler	Red	<LOD	6	<LOD	2	<LOD	1,662	<LOD	64	<LOD	136	<LOD	1	<LOD	36	<LOD	4	<LOD	2
	Yellow	<LOD	6	<LOD	2	<LOD	1,886	<LOD	65	<LOD	139	<LOD	1	<LOD	35	<LOD	4	<LOD	2
	Blue	<LOD	6	4	1	<LOD	1,927	<LOD	66	<LOD	138	<LOD	1	<LOD	40	<LOD	3	<LOD	2
Anklet Tri-Pak Prpl/Mnt/Pnk - Infant	Pink	<LOD	6	17	1	<LOD	2,104	<LOD	68	<LOD	146	<LOD	2	<LOD	42	<LOD	5	<LOD	2
	Mint	<LOD	6	<LOD	2	<LOD	1,897	<LOD	65	<LOD	136	<LOD	1	<LOD	37	<LOD	4	<LOD	2
	Purple	<LOD	7	15	1	<LOD	2,133	<LOD	67	<LOD	142	<LOD	1	<LOD	42	<LOD	4	<LOD	2
Anklet Tri-Pak Prpl/Mnt/Pnk - Toddler	Pink	<LOD	6	9	1	<LOD	1,820	<LOD	62	<LOD	134	<LOD	1	<LOD	35	<LOD	4	<LOD	2
	Mint	<LOD	6	<LOD	2	<LOD	1,909	<LOD	67	<LOD	142	<LOD	1	<LOD	40	<LOD	4	<LOD	2
	Purple	<LOD	6	8	1	<LOD	2,142	<LOD	68	<LOD	146	<LOD	1	<LOD	41	<LOD	4	<LOD	2
Athletic White 2-Pak - Infant	White	<LOD	6	<LOD	2	<LOD	1,547	<LOD	64	<LOD	134	<LOD	1	<LOD	38	<LOD	4	<LOD	2
Athletic White 2-Pak - Toddler	White	<LOD	5	<LOD	2	<LOD	1,548	<LOD	64	<LOD	135	<LOD	1	<LOD	35	<LOD	4	<LOD	2
Youth Crew Tie Dye - 6-7	Yellow Dye	<LOD	6	<LOD	2	<LOD	1,589	<LOD	66	<LOD	138	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Green Dye	<LOD	6	<LOD	2	<LOD	1,565	<LOD	67	<LOD	143	<LOD	1	<LOD	41	<LOD	4	<LOD	2
	Blue Dye	<LOD	7	<LOD	2	<LOD	1,789	<LOD	69	<LOD	147	<LOD	1	<LOD	39	<LOD	5	<LOD	2
Youth Crew Tie-Dye - 8-9	Pink Dye	<LOD	6	<LOD	2	<LOD	1,757	<LOD	68	<LOD	145	<LOD	1	<LOD	32	<LOD	4	<LOD	2
	Yellow Dye	<LOD	6	<LOD	2	<LOD	1,578	<LOD	63	<LOD	134	<LOD	1	<LOD	32	<LOD	4	<LOD	2
	Purple Dye	<LOD	6	<LOD	2	<LOD	1,779	<LOD	69	<LOD	144	<LOD	1	<LOD	39	<LOD	4	<LOD	2
Youth Athletic Tall - 6-7	White	<LOD	6	<LOD	2	<LOD	1,775	<LOD	69	<LOD	147	<LOD	1	<LOD	38	<LOD	4	<LOD	2
	Black Stripe	<LOD	6	<LOD	2	<LOD	2,180	<LOD	66	<LOD	139	<LOD	1	<LOD	38	<LOD	4	<LOD	2
	Red Stripe	<LOD	6	<LOD	2	<LOD	3,267	<LOD	68	<LOD	144	<LOD	1	<LOD	45	<LOD	5	<LOD	2
Youth Athletic Tall - 8-9	White	<LOD	6	<LOD	2	<LOD	1,835	<LOD	67	<LOD	142	<LOD	1	<LOD	37	<LOD	4	<LOD	2
	Red Stripe	<LOD	6	<LOD	3	<LOD	3,731	<LOD	71	<LOD	153	<LOD	1	<LOD	47	<LOD	6	<LOD	2
	Black Stripe	<LOD	6	<LOD	2	<LOD	3,096	<LOD	65	<LOD	139	<LOD	1	<LOD	42	<LOD	5	<LOD	2

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Product	Test Area	Lead (Pb)		Bromine (Br)		Barium (Ba)		Cadmium (Cd)		Antimony (Sb)		Selenium (Se)		Chromium (Cr)		Mercury (Hg)		Arsenic (As)	
		ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*
Youth Athletic Short - 6-7	White	<LOD	6	<LOD	2	<LOD	1,862	<LOD	67	<LOD	144	<LOD	1	<LOD	41	<LOD	4	<LOD	2
	Black Stripe	<LOD	6	<LOD	2	<LOD	2,102	<LOD	70	<LOD	150	<LOD	1	<LOD	48	<LOD	5	<LOD	2
Youth Athletic Short Size 8-9	White	<LOD	6	<LOD	2	<LOD	1,729	<LOD	65	<LOD	137	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Green Stripe	<LOD	6	<LOD	2	<LOD	2,197	<LOD	65	<LOD	138	<LOD	1	73	17	<LOD	4	<LOD	2
Textured Tights Natural - Infant	Natural	<LOD	6	<LOD	2	<LOD	1,969	<LOD	69	<LOD	147	<LOD	1	<LOD	36	<LOD	5	<LOD	2
Textured Tights Natural - Toddler	Natural	<LOD	6	<LOD	2	<LOD	1,757	<LOD	68	<LOD	144	<LOD	1	<LOD	37	<LOD	4	<LOD	2
Textured Tights Natural - Youth	Natural	<LOD	7	<LOD	2	<LOD	1,978	<LOD	69	<LOD	143	<LOD	1	<LOD	48	<LOD	4	<LOD	2
Striped Pattern Tight- Infant	Natural	<LOD	5	<LOD	2	<LOD	1,887	<LOD	68	<LOD	144	<LOD	1	<LOD	39	<LOD	4	2	1
	Mint	<LOD	6	<LOD	2	<LOD	1,759	<LOD	65	<LOD	139	<LOD	1	<LOD	33	<LOD	4	<LOD	2
	Purple	<LOD	6	<LOD	2	<LOD	1,809	<LOD	68	<LOD	145	<LOD	1	<LOD	38	<LOD	4	<LOD	2
Striped Pattern Tight- Toddler	Natural	<LOD	6	<LOD	2	<LOD	1,842	<LOD	68	<LOD	146	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Mint	<LOD	5	<LOD	2	<LOD	1,685	<LOD	65	<LOD	139	<LOD	1	<LOD	36	<LOD	4	<LOD	2
	Purple	<LOD	5	<LOD	2	<LOD	1,612	<LOD	66	<LOD	139	<LOD	1	<LOD	37	<LOD	4	<LOD	2
Striped Pattern Tight- Youth	Natural	<LOD	6	<LOD	2	<LOD	1,848	<LOD	68	<LOD	144	<LOD	1	<LOD	41	<LOD	4	<LOD	2
	Mint	<LOD	6	<LOD	2	<LOD	1,967	<LOD	65	<LOD	137	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Purple	<LOD	6	<LOD	2	<LOD	1,670	<LOD	64	<LOD	136	<LOD	1	<LOD	35	<LOD	4	<LOD	2
Flower Pattern Tight - Infant	Natural	<LOD	5	<LOD	2	<LOD	1,738	<LOD	65	<LOD	137	<LOD	1	<LOD	39	<LOD	5	<LOD	2
	Purple Flower	<LOD	6	<LOD	2	<LOD	1,804	<LOD	65	<LOD	135	<LOD	1	<LOD	36	<LOD	4	<LOD	2
Flower Pattern Tight - Toddler	Natural	<LOD	6	<LOD	2	<LOD	1,787	<LOD	65	<LOD	137	<LOD	1	<LOD	36	<LOD	3	<LOD	2
	Purple Flower	<LOD	5	<LOD	2	<LOD	1,840	<LOD	67	<LOD	144	<LOD	1	<LOD	35	<LOD	4	2	1
Plum Textured- Infant	Dark Purple	<LOD	5	<LOD	2	<LOD	1,834	<LOD	65	<LOD	138	<LOD	1	<LOD	38	<LOD	4	<LOD	2
	Light Purple	<LOD	5	<LOD	2	<LOD	2,143	<LOD	64	<LOD	137	<LOD	1	180	22	<LOD	4	<LOD	2
Plum Textured- Toddler	Dark Purple	<LOD	6	<LOD	2	<LOD	1,835	<LOD	66	<LOD	140	<LOD	1	<LOD	45	<LOD	4	<LOD	2
	Light Purple	<LOD	6	<LOD	2	<LOD	1,673	<LOD	68	<LOD	145	<LOD	2	<LOD	34	<LOD	5	<LOD	2
Baby Plain Bodysuit - 0-6	Natural Fabric	<LOD	6	<LOD	2	<LOD	1,551	<LOD	64	<LOD	136	<LOD	1	<LOD	37	<LOD	4	<LOD	2
Baby Plain Bodysuit - 6-12	Natural Fabric	<LOD	6	<LOD	2	<LOD	1,475	<LOD	65	<LOD	137	<LOD	1	<LOD	35	<LOD	4	<LOD	2
Baby Panda Set 0-6	Hat - Natural Fabric	<LOD	6	<LOD	2	<LOD	1,541	<LOD	64	<LOD	135	<LOD	1	<LOD	35	<LOD	4	<LOD	2
	Hat - Black Fabric	<LOD	5	<LOD	2	<LOD	1,682	<LOD	67	<LOD	143	<LOD	1	<LOD	41	<LOD	4	<LOD	2
	Suit - Natural Fabric	<LOD	5	<LOD	2	<LOD	1,601	<LOD	65	<LOD	138	<LOD	1	<LOD	39	<LOD	4	<LOD	2
	Suit - Red Print	<LOD	5	<LOD	2	<LOD	1,501	<LOD	65	<LOD	137	<LOD	1	<LOD	42	<LOD	4	<LOD	2
Baby Mastadon Set - 6-12	Hat - White Fabric	<LOD	6	<LOD	2	<LOD	1,553	<LOD	65	<LOD	139	<LOD	1	<LOD	38	<LOD	4	<LOD	2
	Hat - Purple Fabric	<LOD	6	<LOD	2	<LOD	1,510	<LOD	67	<LOD	140	<LOD	1	<LOD	37	<LOD	4	<LOD	2
	Suit - Natural Fabric	<LOD	5	<LOD	2	<LOD	1,583	<LOD	65	<LOD	138	<LOD	1	<LOD	36	<LOD	4	<LOD	2
	Suit - Purple Fabric	<LOD	6	<LOD	2	<LOD	1,541	<LOD	65	<LOD	138	<LOD	1	<LOD	35	<LOD	4	<LOD	2
	Suit - Snap closure	<LOD	16	24	3	<LOD	10,200	<LOD	144	<LOD	311	<LOD	4	<LOD	272	<LOD	22	<LOD	7
Printed Bodysuit - Joy 0-6	Natural Fabric	<LOD	5	<LOD	2	<LOD	1,659	<LOD	66	<LOD	141	<LOD	1	<LOD	36	<LOD	4	<LOD	2
	Red Print	<LOD	6	<LOD	2	<LOD	2,334	<LOD	65	<LOD	137	<LOD	1	<LOD	41	<LOD	4	<LOD	2
Printed Bodysuit - Daddy's Girl 0-6	Natural Fabric	<LOD	6	<LOD	2	<LOD	1,705	<LOD	66	<LOD	139	<LOD	1	<LOD	35	<LOD	4	<LOD	2
	Pink Print	<LOD	5	<LOD	2	<LOD	2,626	<LOD	66	<LOD	140	<LOD	1	<LOD	36	<LOD	4	<LOD	2

XRF Test Results - Maggie's Functional Organics

Product	Test Area	Lead (Pb)		Bromine (Br)		Barium (Ba)		Cadmium (Cd)		Antimony (Sb)		Selenium (Se)		Chromium (Cr)		Mercury (Hg)		Arsenic (As)	
		ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*	ppm	+/-*
Hand Dyed Baby Bodysuit Blue 0-6	Blue	<LOD	6	<LOD	2	<LOD	1,659	<LOD	67	<LOD	143	<LOD	1	<LOD	42	<LOD	4	<LOD	2
Hand Dyed Baby Bodysuit Pink 0-6	Pink	<LOD	6	<LOD	2	<LOD	1,556	<LOD	66	<LOD	142	<LOD	1	<LOD	40	<LOD	4	<LOD	2
Hand Dyed Baby Bodysuit Blue 6-12	Blue	<LOD	6	<LOD	2	<LOD	1,598	<LOD	66	<LOD	143	<LOD	1	<LOD	39	<LOD	3	<LOD	2
Hand Dyed Baby Bodysuit Pink 6-12	Pink	<LOD	5	<LOD	2	<LOD	1,505	<LOD	65	<LOD	137	<LOD	1	<LOD	37	<LOD	4	<LOD	2

* (+/- = three sigma error)

Additional Product Information

Product	UPC	Product	UPC
Penguin	760702003012	Youth Crew Tie Dye - 6-7	760702452537
Sock Monkey - Black/Crew Belly	760702003005	Youth Crew Tie Dye - 8-9	760702452544
Sock Monkey - Lavender/Crew Belly	760702003005	Youth Athletic Tall - 6-7	670702452056
Sock Monkey - Chocolate/Crew Belly	760702003005	Youth Athletic Tall - 8-9	760702452063
Sock Monkey - O' Denim/Mantra Belly	760702003005	Youth Athletic Short - 6-7	760702451059
Sock Monkey - Navy/Crew Belly	760702003005	Youth Athletic Short - 8-9	760702451066
Sock Monkey - Lt Purple/Crew Belly	760702003005	Textured Tights Natural - Infant	760702400019
Sock Monkey - Gold/Mantra Belly	760702003005	Textured Tights Natural - Toddler	760702400026
Sock Monkey - Yellow/Mantra Belly	760702003005	Textured Tights Natural - Youth	760702400118
Sock Monkey - Denim /Mantra Belly	760702003005	Striped Pattern Tight - Infant	760702400033
Sock Monkey - Teal/Mantra Belly	760702003005	Striped Pattern Tight - Toddler	760702400040
Sock Monkey - Khaki/Crew Belly	760702003005	Striped Pattern Tight - Youth	760702400125
Sock Monkey - Eggplant/Crew Belly	760702003005	Flower Pattern Tight - Infant	760702400057
Sock Monkey - Rasp/Mantra Belly	760702003005	Flower Pattern Tight - Toddler	760702400064
Sock Monkey - Pink/Crew Belly	760702003005	Plum Textured - Infant	760702400071
Sock Monkey - Forest/Mantra Belly	760702003005	Plum Textured - Toddler	760702400088
Sock Monkey - Olive/Mantra Belly	760702003005	Baby Plain Bodysuit - 0-6	760702008000
Anklet 2-Pak Natural - Infant	730702570217	Baby Plain Bodysuit - 6-12	760702008017
Anklet 2-Pak Natural - Toddler	760702570224	Baby Panda Set - 0-6	760702008208
Anklet Tie Dye - Infant	760702572518	Baby Mastadon Set - 6-12	760702008413
Anklet Tie Dye - Toddler	760702572525	Printed Bodysuit Joy - 0-6	760702008505
Anklet Tri-Pak Red/Ylw/Blu - Infant	760702573010	Printed Bodysuit Daddy's Girl - 6-12	760702008710
Anklet Tri-Pak Red/Ylw/Blu - Toddler	760702573027	Hand Dyed Baby Bodysuit Blue - 0-6	760702008901
Anklet Tri-Pak Prpl/Mnt/Pnk - Infant	760702573119	Hand Dyed Baby Bodysuit Blue - 6-12	760702008918
Anklet Tri-Pak Prpl/Mnt/Pnk - Toddler	760702573126	Hand Dyed Baby Bodysuit Pink - 0-6	760702008802
Athletic White 2-Pak - Infant	760702580018	Hand Dyed Baby Bodysuit Pink - 6-12	760702008819
Athletic White 2-Pak - Toddler	760702580025		

Testing conducted by:



Jeff Gearhart, Research Director
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XRF Test Results - Maggie's Functional Organics

Methodology

XRF Testing Methodology- Products are tested using a Alpha Model handheld X-ray fluorescence (XRF) device manufactured by Innov-X Systems. The XRF analyzer uses a technology known as x-ray fluorescence spectrometry to detect chemical elements, such as lead, cadmium, chlorine, arsenic, mercury, tin, and antimony.

Standard testing time was 30 seconds. Only one test was taken per component/material of a product. Because the X-ray penetrates from just a few microns (metal) to 1/4 inch (plastics and other softer substrates), the measurement should be considered a surface measurement or near surface measurement.

When sampling, the XRF machine was held in a position perpendicular to the product being tested, without compressing the material. Tests were conducted on the flattest part of the product, and the entire analyzer window was covered by the material being tested, when possible. Products were not dismantled to test interiors.

Quality Assurance/Product Variation - In order to evaluate the variation per product to assess and verify the accuracy of our testing, some repeat samples were taken. This process took place once every 200 samples, and was done for at least one product in every product category. Repeat samples are taken in three different ways:

1. three readings taken from the same sampling location of one product
2. three readings taken from three different sampling locations (consisting of the same material, color, etc.) on the same product
3. three readings taken from the same sampling location on three different but identical products

Data Interpretation - We interpreted the results using the concentrations and deviations reported by the analyzer, together with visual examination of the spectra generated by the instrument.

Methodological Limitations- The levels of each element are those reported by the XRF analyzer manufactured by Innov-X Systems, Inc. Our testing methodology uses standards with known levels of certain elements to check the accuracy of the analyzer in one type of matrix material in one type of matrix material. Variation of materials among different products and among a single product's components as well as interferences between elements may interfere with the analyzer's ability to quantify elements accurately.

Tests were conducted according to the guidelines in APE SW846 Method 6020 (Method 6020A Inductively Coupled Plasma-Mass Spectrometry, EPA 2007) and IEC 62321 Ed. 1 111/54CDV Section 6 (IEC 62321 Ed.1: Procedures for the determination of levels of six regulated substances (Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers) in electrotechnical products, IEC 2006.).

Levels of Detection (LOD)

Element	Manufacturers Detection Limits (1)	Observed Detection Limits (2)
Antimony	50-150 ppm	109 ppm
Arsenic	10-100 ppm	1 ppm
Bromine	10-100 ppm	2 ppm
Chlorine	1% - 5%	2.80%
Chromium	10-100 ppm	39 ppm
Cobalt	10-100 ppm	37 ppm
Copper	10-100 ppm	38 ppm
Lead	10-100 ppm	5 ppm
Mercury	10-100 ppm	7 ppm
Nickel	10-100 ppm	27 ppm
Tin	50-150 ppm	130 ppm

(1) InnovX Model ABC XRF Detector detection estimates based on 1-2 minute test times and detection confidence of 3-sigma, or 99.7% confidence. Detection limits are a function of testing time, sample matrix and presence of interfering elements.

(2) Observed detection limits varied by type of material being tested. Detection limits presented here are the lowest observed from all testing.