

HOLCIM DUQUESNE SLAG

WGM0144
TEST RESULTS

AIR COOLED BLAST FURNACE SLAG

TOTAL Acceptable Limit (mg/Kg)								
Constituent	Option 1	Option 2	Option 3	Report Limit	#8	#1	#2A	#57
Antimony (Sb)	6.75	88.00	88.00	10.00	< 10	< 10	< 10	< 10
Arsenic (As)	29.00	29.00	29.00	10.00	< 10	< 10	< 10	< 10
Cadmium (Cd)	2.50	47.00	47.00	10.00	< 10	< 10	< 10	< 10
Chromium VI (Cr VI)	50.00	94.00	94.00	0.80	< 0.80	< 0.80	< 0.81	< 0.81
Copper (Cu)	1,500	1,500	1,500	10	< 10	< 10	< 10	< 10
Iron (Fe)	66,000	150,000	150,000	10	5929	1,044	1,899	1,551
Lead (Pb)	113	500	500	10	< 10	< 10	< 10	< 10
Manganese (Mn)	31,000	31,000	31,000	10	3,839	4,143	3,430	3,197
Nickel (Ni)	50.00	420.00	420.00	10.00	< 10	< 10	< 10	< 10
Thallium (Tl)	2.20	15.00	15.00	10.00	< 10	< 10	< 10	< 10
Zinc (Zn)	1,000.00	2,800.00	2,800.00	10.00	< 10	< 10	< 10	< 10
Option#1 - Antimony, Cadmium, and Thallium Acceptable Limits Threshold are below the Testing Labs testing capabilities								
Leachable Acceptable Limit (mg/L)								
Constituent	Option 1	Option 2	Option 3	Report Limit	#8	#1	#2A	#57
Antimony (Sb)		0.15	0.006	0.001	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic (As)		0.25	0.05	0.0003	<0.0003	<0.0003	<0.0003	<0.0003
Cadmium (Cd)		0.125	0.005	0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (Cr)		2.5	0.1	0.0003	0.0068	0.0049	0.0051	0.0149
Copper (Cu)		25	1	0.1	<0.1000	<0.1000	<0.1000	<0.1000
Iron (Fe)		7.5	0.3	0.1	<0.1000	<0.1000	<0.1000	<0.1000
Lead (Pb)		0.375	0.015	0.0003	<0.0003	<0.0003	<0.0003	0.00033
Manganese (Mn)		2.5	0.1	0.1	<0.1000	<0.1000	<0.1000	<0.1000
Nickel (Ni)		2.5	0.1	0.1	<0.1000	<0.1000	<0.1000	<0.1000
Thallium (Tl)		0.05	0.002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Zinc (Zn)		50	2	0.1	<0.1000	<0.1000	<0.1000	<0.1000

Test Procedure - (EPA Method 1312) Synthetic Precipitation Leaching

In the United States, Holcim is the leader in innovative and sustainable building solutions. Our customers rely on us to help them design and build better communities that deliver structural integrity and eco-efficiency.

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