

MAIRE PORTER  
HAMILTON CITY COUNCIL  
PRIVATE BAG 3010  
HAMILTON

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Dear Maire

Below is the latest set of results for heavy metal analysis of aluminium sulphate, Liquipac and hydrofluorosilicic acid.

Test	Units	Aluminium Sulphate	Liquipac	Hydrofluorosilicic Acid
Al <sub>2</sub> O <sub>3</sub>	g/100g	8.4	10.6	
H <sub>2</sub> SiF <sub>6</sub>	g/100g			18.7
Basicity	g/100g	0.05	55	
Insolubles	g/100g	0.06	0.003	<0.005
Chloride	g/100g		9.4	
Fluoride	mg/kg	<1	<1	148000
Sulphate	g/100g		2.3	
As	mg/kg	<0.2	<0.2	≤1
Cd	mg/kg	0.7	0.5	<0.5
Cr	mg/kg	<0.4	<0.5	1.7
Pb	mg/kg	<10	<10	<10
Hg	mg/kg	<0.2	<0.2	<0.2
Se	mg/kg	<15	<20	<20
Sb	mg/kg	30	21	25
Cu	mg/kg	0.5	0.5	
Mo	mg/kg	<10	<10	<10
Ni	mg/kg	4	3	3
Zn	mg/kg	0.4	1	
Si	g/100g			307
Fe	mg/kg	8.7	33	16
Mn	mg/kg	0.5	9	<0.5
Ca	mg/kg		3900	

I trust this meets with your approval.

Kind Regards



Graeme Colquhoun  
Product Manager – Water Chemicals