

# Report

Page 1 (38)



L1936294

22Q88XK36X6



Date received 2019-11-18  
Issued 2019-12-09

ALS Laboratory Group SL  
Isabel María Fernández  
Poligono Industrial Paraque PI  
Calle Camino Mozárabe 13 15  
CP/41900 Camas Sevilla  
Spain

Project 6498-40051-MIN

## Analysis: LV3A

Your ID	A07351 L/S 10					
LabID	U11676622					
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	1.15	0.16	mg/l	4	R	MATU
Fe	1.12	0.14	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.333	0.043	mg/l	4	R	MATU
Na	0.979	0.128	mg/l	4	R	MATU
Al	508	80	µg/l	4	R	MATU
As	8.30	1.72	µg/l	4	H	IDJO
Ba	3.92	0.81	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.921	0.231	µg/l	4	H	IDJO
Cr	0.761	0.245	µg/l	4	H	IDJO
Cu	2.46	0.85	µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	14.4	1.8	µg/l	4	R	MATU
Mo	<0.5		µg/l	4	H	IDJO
Ni	1.76	0.70	µg/l	4	H	IDJO
Pb	0.741	0.168	µg/l	4	H	IDJO
Sb	<0.1		µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	8.3			5	V	MARH
Conductivity	1.46		mS/m	6	V	MARH
DOC	3.38	0.68	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	11.5		mg/kg DW	4	R	MATU
Fe	11.2		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	3.33		mg/kg DW	4	R	MATU

# Report

Page 2 (38)



L1936294

22Q88XK36X6



Your ID		A07351				
		L/S 10				
LabID		U11676622				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Na	9.79		mg/kg DW	4	R	MATU
Al	5.08		mg/kg DW	4	R	MATU
As	0.0830		mg/kg DW	4	H	IDJO
Ba	0.0392		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00921		mg/kg DW	4	H	IDJO
Cr	0.00761		mg/kg DW	4	H	IDJO
Cu	0.0246		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.144		mg/kg DW	4	R	MATU
Mo	<0.005		mg/kg DW	4	H	IDJO
Ni	0.0176		mg/kg DW	4	H	IDJO
Pb	0.00741		mg/kg DW	4	H	IDJO
Sb	<0.001		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	<0.02		mg/kg DW	4	H	IDJO
DOC	33.8		mg/kg DW	4	2	HUCH
Cl	<10		mg/kg DW	4	2	HUCH
F	<2		mg/kg DW	4	2	HUCH
SO <sub>4</sub>	<50		mg/kg DW	4	2	HUCH

# Report

Page 3 (38)



L1936294

22Q88XK36X6



Your ID <b>A07352</b>						
L/S 10						
LabID U11676623						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.6	2%	%	2	I	LIAS
Weigh in *	90.4		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.325	0.074	mg/l	4	R	MATU
Fe	0.792	0.096	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.114	0.018	mg/l	4	R	MATU
Na	1.89	0.24	mg/l	4	R	MATU
Al	470	77	µg/l	4	R	MATU
As	6.73	2.41	µg/l	4	H	IDJO
Ba	2.57	0.56	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.228	0.117	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	6.06	1.49	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.995	0.478	µg/l	4	H	IDJO
Pb	0.276	0.104	µg/l	4	H	IDJO
Sb	<0.1		µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	2.33	1.22	µg/l	4	H	IDJO
pH	8.0			5	V	MARH
Conductivity	1.33		mS/m	6	V	MARH
DOC	1.71	0.34	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	3.25		mg/kg DW	4	R	MATU
Fe	7.92		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	1.14		mg/kg DW	4	R	MATU
Na	18.9		mg/kg DW	4	R	MATU
Al	4.70		mg/kg DW	4	R	MATU
As	0.0673		mg/kg DW	4	H	IDJO
Ba	0.0257		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00228		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0606		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 4 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07352</b>				
		<b>L/S 10</b>				
LabID		U11676623				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.00995</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00276</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>&lt;0.001</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>0.0233</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>17.1</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>&lt;2</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 5 (38)



L1936294

22Q88XK36X6



Your ID		A07353				
		L/S 10				
LabID		U11676624				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.7	2%	%	2	I	LIAS
Weigh in *	90.3		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.935	0.132	mg/l	4	R	MATU
Fe	0.293	0.036	mg/l	4	R	MATU
K	0.550	0.072	mg/l	4	R	MATU
Mg	0.315	0.041	mg/l	4	R	MATU
Na	1.57	0.19	mg/l	4	R	MATU
Al	269	43	µg/l	4	R	MATU
As	0.929	0.288	µg/l	4	H	IDJO
Ba	2.83	0.61	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.337	0.134	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	7.89	2.13	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	0.243	0.094	µg/l	4	H	IDJO
Sb	<0.1		µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.8			5	V	MARH
Conductivity	7.89		mS/m	6	V	MARH
DOC	1.56	0.31	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	9.35		mg/kg DW	4	R	MATU
Fe	2.93		mg/kg DW	4	R	MATU
K	5.50		mg/kg DW	4	R	MATU
Mg	3.15		mg/kg DW	4	R	MATU
Na	15.7		mg/kg DW	4	R	MATU
Al	2.69		mg/kg DW	4	R	MATU
As	0.00929		mg/kg DW	4	H	IDJO
Ba	0.0283		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00337		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0789		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 6 (38)



**L1936294**

22Q88XK36X6



Your ID	<b>A07353</b> <b>L/S 10</b>					
LabID	U11676624					
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>&lt;0.005</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00243</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>&lt;0.001</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>15.6</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>&lt;2</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 7 (38)



L1936294

22Q88XK36X6



Your ID <b>A07354</b> L/S 10						
LabID U11676625						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.6		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.443	0.084	mg/l	4	R	MATU
Fe	0.293	0.036	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.172	0.023	mg/l	4	R	MATU
Na	1.10	0.14	mg/l	4	R	MATU
Al	269	44	µg/l	4	R	MATU
As	1.70	0.49	µg/l	4	H	IDJO
Ba	2.36	0.50	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.124	0.109	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	4.71	1.20	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	0.241	0.098	µg/l	4	H	IDJO
Sb	<0.1		µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.5			5	V	MARH
Conductivity	1.06		mS/m	6	V	MARH
DOC	1.37	0.27	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	4.43		mg/kg DW	4	R	MATU
Fe	2.93		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	1.72		mg/kg DW	4	R	MATU
Na	11.0		mg/kg DW	4	R	MATU
Al	2.69		mg/kg DW	4	R	MATU
As	0.0170		mg/kg DW	4	H	IDJO
Ba	0.0236		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00124		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0471		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 8 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07354</b>				
		<b>L/S 10</b>				
LabID		U11676625				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	<0.005		mg/kg DW	4	H	IDJO
Pb	0.00241		mg/kg DW	4	H	IDJO
Sb	<0.001		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	<0.02		mg/kg DW	4	H	IDJO
DOC	13.7		mg/kg DW	4	2	HUCH
Cl	<10		mg/kg DW	4	2	HUCH
F	<2		mg/kg DW	4	2	HUCH
SO <sub>4</sub>	<50		mg/kg DW	4	2	HUCH

# Report

Page 9 (38)



L1936294

22Q88XK36X6



Your ID <b>A07355</b> L/S 10						
LabID U11676626						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.3	2%	%	2	I	LIAS
Weigh in *	90.6		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.600	0.097	mg/l	4	R	MATU
Fe	0.264	0.032	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.210	0.032	mg/l	4	R	MATU
Na	1.16	0.15	mg/l	4	R	MATU
Al	235	37	µg/l	4	R	MATU
As	<0.5		µg/l	4	H	IDJO
Ba	2.92	0.62	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.281	0.160	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	6.48	1.69	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	1.54	0.48	µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	<0.1		µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.5			5	V	MARH
Conductivity	1.23		mS/m	6	V	MARH
DOC	1.41	0.28	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	6.00		mg/kg DW	4	R	MATU
Fe	2.64		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	2.10		mg/kg DW	4	R	MATU
Na	11.6		mg/kg DW	4	R	MATU
Al	2.35		mg/kg DW	4	R	MATU
As	<0.005		mg/kg DW	4	H	IDJO
Ba	0.0292		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00281		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0648		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 10 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07355</b>				
		<b>L/S 10</b>				
LabID		U11676626				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	0.0154		mg/kg DW	4	H	IDJO
Pb	<0.002		mg/kg DW	4	H	IDJO
Sb	<0.001		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	<0.02		mg/kg DW	4	H	IDJO
DOC	14.1		mg/kg DW	4	2	HUCH
Cl	<10		mg/kg DW	4	2	HUCH
F	<2		mg/kg DW	4	2	HUCH
SO <sub>4</sub>	<50		mg/kg DW	4	2	HUCH

# Report

Page 11 (38)



L1936294

22Q88XK36X6



Your ID		A07356				
		L/S 10				
LabID		U11676627				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.5	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.351	0.075	mg/l	4	R	MATU
Fe	0.576	0.070	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.167	0.031	mg/l	4	R	MATU
Na	1.04	0.13	mg/l	4	R	MATU
Al	395	62	µg/l	4	R	MATU
As	3.01	1.13	µg/l	4	H	IDJO
Ba	5.60	1.23	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.336	0.151	µg/l	4	H	IDJO
Cr	0.535	0.197	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	6.62	1.63	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.796	0.421	µg/l	4	H	IDJO
Pb	0.353	0.108	µg/l	4	H	IDJO
Sb	0.131	0.044	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.6			5	V	MARH
Conductivity	<1		mS/m	6	V	MARH
DOC	1.40	0.28	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	0.245	0.037	mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	3.51		mg/kg DW	4	R	MATU
Fe	5.76		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	1.67		mg/kg DW	4	R	MATU
Na	10.4		mg/kg DW	4	R	MATU
Al	3.95		mg/kg DW	4	R	MATU
As	0.0301		mg/kg DW	4	H	IDJO
Ba	0.0560		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00336		mg/kg DW	4	H	IDJO
Cr	0.00535		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0662		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 12 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07356</b>				
		<b>L/S 10</b>				
LabID		U11676627				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.00796</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00353</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00131</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>14.0</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>2.45</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 13 (38)



L1936294

22Q88XK36X6



Your ID <b>A07357</b> L/S 10						
LabID U11676628						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.424	0.081	mg/l	4	R	MATU
Fe	0.837	0.103	mg/l	4	R	MATU
K	0.632	0.082	mg/l	4	R	MATU
Mg	0.252	0.034	mg/l	4	R	MATU
Na	1.52	0.19	mg/l	4	R	MATU
Al	509	82	µg/l	4	R	MATU
As	7.83	1.43	µg/l	4	H	IDJO
Ba	1.98	0.45	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.421	0.141	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	2.26	1.03	µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	12.0	1.4	µg/l	4	R	MATU
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.851	0.413	µg/l	4	H	IDJO
Pb	0.558	0.135	µg/l	4	H	IDJO
Sb	0.162	0.055	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	2.70	1.33	µg/l	4	H	IDJO
pH	9.2			5	V	MARH
Conductivity	1.38		mS/m	6	V	MARH
DOC	3.12	0.62	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	4.24		mg/kg DW	4	R	MATU
Fe	8.37		mg/kg DW	4	R	MATU
K	6.32		mg/kg DW	4	R	MATU
Mg	2.52		mg/kg DW	4	R	MATU
Na	15.2		mg/kg DW	4	R	MATU
Al	5.09		mg/kg DW	4	R	MATU
As	0.0783		mg/kg DW	4	H	IDJO
Ba	0.0198		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00421		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	0.0226		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.120		mg/kg DW	4	R	MATU
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 14 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07357</b>				
		<b>L/S 10</b>				
LabID		U11676628				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.00851</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00558</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00162</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>0.0270</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>31.2</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>&lt;2</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 15 (38)



L1936294

22Q88XK36X6



Your ID <b>A07358</b> L/S 10						
LabID U11676629						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.366	0.077	mg/l	4	R	MATU
Fe	0.291	0.035	mg/l	4	R	MATU
K	<0.5		mg/l	4	R	MATU
Mg	0.362	0.044	mg/l	4	R	MATU
Na	1.04	0.13	mg/l	4	R	MATU
Al	398	63	µg/l	4	R	MATU
As	<0.5		µg/l	4	H	IDJO
Ba	4.13	0.89	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.168	0.109	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	8.31	2.14	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.839	0.473	µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	0.114	0.040	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	8.8			5	V	MARH
Conductivity	1.16		mS/m	6	V	MARH
DOC	1.83	0.37	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	0.306	0.046	mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	3.66		mg/kg DW	4	R	MATU
Fe	2.91		mg/kg DW	4	R	MATU
K	<5		mg/kg DW	4	R	MATU
Mg	3.62		mg/kg DW	4	R	MATU
Na	10.4		mg/kg DW	4	R	MATU
Al	3.98		mg/kg DW	4	R	MATU
As	<0.005		mg/kg DW	4	H	IDJO
Ba	0.0413		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00168		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0831		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 16 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07358</b>				
		<b>L/S 10</b>				
LabID		U11676629				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.00839</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>&lt;0.002</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00114</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>18.3</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>3.06</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 17 (38)



L1936294

22Q88XK36X6



Your ID <b>A07359</b> L/S 10						
LabID U11676630						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.1	2%	%	2	I	LIAS
Weigh in *	90.8		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.223	0.067	mg/l	4	R	MATU
Fe	0.477	0.059	mg/l	4	R	MATU
K	0.756	0.096	mg/l	4	R	MATU
Mg	0.145	0.027	mg/l	4	R	MATU
Na	1.26	0.16	mg/l	4	R	MATU
Al	332	63	µg/l	4	R	MATU
As	7.03	1.33	µg/l	4	H	IDJO
Ba	4.60	0.91	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	1.19	0.32	µg/l	4	H	IDJO
Cr	0.584	0.214	µg/l	4	H	IDJO
Cu	2.06	0.55	µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	21.9	2.6	µg/l	4	R	MATU
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.893	0.617	µg/l	4	H	IDJO
Pb	0.202	0.092	µg/l	4	H	IDJO
Sb	0.168	0.049	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	2.60	1.41	µg/l	4	H	IDJO
pH	8.5			5	V	MARH
Conductivity	1.14		mS/m	6	V	MARH
DOC	3.25	0.65	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	2.23		mg/kg DW	4	R	MATU
Fe	4.77		mg/kg DW	4	R	MATU
K	7.56		mg/kg DW	4	R	MATU
Mg	1.45		mg/kg DW	4	R	MATU
Na	12.6		mg/kg DW	4	R	MATU
Al	3.32		mg/kg DW	4	R	MATU
As	0.0703		mg/kg DW	4	H	IDJO
Ba	0.0460		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.0119		mg/kg DW	4	H	IDJO
Cr	0.00584		mg/kg DW	4	H	IDJO
Cu	0.0206		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.219		mg/kg DW	4	R	MATU
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 18 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07359</b>				
		<b>L/S 10</b>				
LabID		U11676630				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.00893</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00202</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00168</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>0.0260</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>32.5</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>&lt;2</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 19 (38)



L1936294

22Q88XK36X6



Your ID <b>A07360</b> L/S 10						
LabID U11676631						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.5	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.276	0.071	mg/l	4	R	MATU
Fe	0.131	0.016	mg/l	4	R	MATU
K	0.668	0.083	mg/l	4	R	MATU
Mg	0.141	0.021	mg/l	4	R	MATU
Na	1.38	0.17	mg/l	4	R	MATU
Al	106	22	µg/l	4	H	IDJO
As	3.74	1.06	µg/l	4	H	IDJO
Ba	0.897	0.219	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.169	0.126	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	2.33	0.87	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	0.136	0.050	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	8.3			5	V	MARH
Conductivity	1.31		mS/m	6	V	MARH
DOC	1.58	0.32	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	<0.200		mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	2.76		mg/kg DW	4	R	MATU
Fe	1.31		mg/kg DW	4	R	MATU
K	6.68		mg/kg DW	4	R	MATU
Mg	1.41		mg/kg DW	4	R	MATU
Na	13.8		mg/kg DW	4	R	MATU
Al	1.06		mg/kg DW	4	H	IDJO
As	0.0374		mg/kg DW	4	H	IDJO
Ba	0.00897		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00169		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0233		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 20 (38)



**L1936294**

22Q88XK36X6



Your ID	<b>A07360</b>					
	<b>L/S 10</b>					
LabID	U11676631					
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	<0.005		mg/kg DW	4	H	IDJO
Pb	<0.002		mg/kg DW	4	H	IDJO
Sb	0.00136		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	<0.02		mg/kg DW	4	H	IDJO
DOC	15.8		mg/kg DW	4	2	HUCH
Cl	<10		mg/kg DW	4	2	HUCH
F	<2		mg/kg DW	4	2	HUCH
SO <sub>4</sub>	<50		mg/kg DW	4	2	HUCH

# Report

Page 21 (38)



L1936294

22Q88XK36X6



Your ID		A07361				
		L/S 10				
LabID		U11676632				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.7	2%	%	2	I	LIAS
Weigh in *	90.3		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	<0.2		mg/l	4	R	MATU
Fe	0.0641	0.0079	mg/l	4	R	MATU
K	0.848	0.105	mg/l	4	R	MATU
Mg	<0.09		mg/l	4	R	MATU
Na	0.683	0.087	mg/l	4	R	MATU
Al	122	25	µg/l	4	H	IDJO
As	0.943	0.420	µg/l	4	H	IDJO
Ba	1.25	0.30	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.145	0.107	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	1.39	0.73	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	0.112	0.041	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	8.2			5	V	MARH
Conductivity	<1		mS/m	6	V	MARH
DOC	0.83	0.17	mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	0.204	0.031	mg/l	8	1	HUCH
SO <sub>4</sub>	<5.00		mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	<2		mg/kg DW	4	R	MATU
Fe	0.641		mg/kg DW	4	R	MATU
K	8.48		mg/kg DW	4	R	MATU
Mg	<0.9		mg/kg DW	4	R	MATU
Na	6.83		mg/kg DW	4	R	MATU
Al	1.22		mg/kg DW	4	H	IDJO
As	0.00943		mg/kg DW	4	H	IDJO
Ba	0.0125		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00145		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0139		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 22 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07361</b>				
		<b>L/S 10</b>				
LabID		U11676632				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>&lt;0.005</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>&lt;0.002</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00112</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>8.30</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>2.04</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	HUCH

# Report

Page 23 (38)



L1936294

22Q88XK36X6



Your ID <b>A07362</b> L/S 10						
LabID U11676633						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.8	2%	%	2	I	LIAS
Weigh in *	90.2		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.774	0.115	mg/l	4	R	MATU
Fe	0.469	0.057	mg/l	4	R	MATU
K	3.70	0.46	mg/l	4	R	MATU
Mg	0.486	0.060	mg/l	4	R	MATU
Na	1.53	0.19	mg/l	4	R	MATU
Al	1230	190	µg/l	4	R	MATU
As	24.6	4.4	µg/l	4	H	IDJO
Ba	3.36	0.67	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.281	0.126	µg/l	4	H	IDJO
Cr	1.16	0.35	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	8.00	2.02	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	3.17	0.72	µg/l	4	H	IDJO
Pb	0.404	0.116	µg/l	4	H	IDJO
Sb	0.521	0.139	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.6			5	V	MARH
Conductivity	2.93		mS/m	6	V	MARH
DOC	<0.50		mg/l	7	1	HUCH
Cl	<1.00		mg/l	8	1	HUCH
F	0.403	0.060	mg/l	8	1	HUCH
SO <sub>4</sub>	5.24	0.79	mg/l	8	1	HUCH
<b>Leaching test recalculated mg/kg DW</b>						
Ca	7.74		mg/kg DW	4	R	MATU
Fe	4.69		mg/kg DW	4	R	MATU
K	37.0		mg/kg DW	4	R	MATU
Mg	4.86		mg/kg DW	4	R	MATU
Na	15.3		mg/kg DW	4	R	MATU
Al	12.3		mg/kg DW	4	R	MATU
As	0.246		mg/kg DW	4	H	IDJO
Ba	0.0336		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00281		mg/kg DW	4	H	IDJO
Cr	0.0116		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0800		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 24 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07362</b>				
		<b>L/S 10</b>				
LabID		U11676633				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.0317</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00404</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.00521</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>&lt;5</b>		mg/kg DW	4	2	HUCH
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	HUCH
<b>F</b>	<b>4.03</b>		mg/kg DW	4	2	HUCH
<b>SO<sub>4</sub></b>	<b>52.4</b>		mg/kg DW	4	2	HUCH

# Report

Page 25 (38)



L1936294

22Q88XK36X6



Your ID		A07363				
		L/S 10				
LabID		U11676634				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	1.31	0.18	mg/l	4	R	MATU
Fe	0.216	0.026	mg/l	4	R	MATU
K	6.38	0.79	mg/l	4	R	MATU
Mg	2.06	0.24	mg/l	4	R	MATU
Na	2.31	0.29	mg/l	4	R	MATU
Al	832	129	µg/l	4	R	MATU
As	10.5	1.9	µg/l	4	H	IDJO
Ba	4.20	0.86	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.195	0.119	µg/l	4	H	IDJO
Cr	0.578	0.226	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	3.62	1.76	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	0.563	0.150	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	8.2			5	V	EM
Conductivity	6.52		mS/m	6	V	EM
DOC	<0.50		mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.268	0.040	mg/l	8	1	JELU
SO <sub>4</sub>	17.7	2.66	mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	13.1		mg/kg DW	4	R	MATU
Fe	2.16		mg/kg DW	4	R	MATU
K	63.8		mg/kg DW	4	R	MATU
Mg	20.6		mg/kg DW	4	R	MATU
Na	23.1		mg/kg DW	4	R	MATU
Al	8.32		mg/kg DW	4	R	MATU
As	0.105		mg/kg DW	4	H	IDJO
Ba	0.0420		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00195		mg/kg DW	4	H	IDJO
Cr	0.00578		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0362		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 26 (38)



L1936294

22Q88XK36X6



Your ID		A07363				
		L/S 10				
LabID		U11676634				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	<0.005		mg/kg DW	4	H	IDJO
Pb	<0.002		mg/kg DW	4	H	IDJO
Sb	0.00563		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	<0.02		mg/kg DW	4	H	IDJO
DOC	<5		mg/kg DW	4	2	JELU
Cl	<10		mg/kg DW	4	2	JELU
F	2.68		mg/kg DW	4	2	JELU
SO <sub>4</sub>	177		mg/kg DW	4	2	JELU

# Report

Page 27 (38)



L1936294

22Q88XK36X6



Your ID		A07364				
		L/S 10				
LabID		U11676635				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.4	2%	%	2	I	LIAS
Weigh in *	90.5		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	<0.2		mg/l	4	R	MATU
Fe	0.853	0.103	mg/l	4	R	MATU
K	3.50	0.43	mg/l	4	R	MATU
Mg	0.251	0.033	mg/l	4	R	MATU
Na	0.922	0.121	mg/l	4	R	MATU
Al	2550	400	µg/l	4	R	MATU
As	5.66	1.42	µg/l	4	H	IDJO
Ba	13.3	2.6	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.269	0.140	µg/l	4	H	IDJO
Cr	1.91	0.45	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	7.77	1.66	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	0.652	0.369	µg/l	4	H	IDJO
Pb	0.587	0.150	µg/l	4	H	IDJO
Sb	0.956	0.233	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	3.05	1.69	µg/l	4	H	IDJO
pH	8.2			5	V	EM
Conductivity	1.45		mS/m	6	V	EM
DOC	0.51	0.10	mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.264	0.040	mg/l	8	1	JELU
SO <sub>4</sub>	<5.00		mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	<2		mg/kg DW	4	R	MATU
Fe	8.53		mg/kg DW	4	R	MATU
K	35.0		mg/kg DW	4	R	MATU
Mg	2.51		mg/kg DW	4	R	MATU
Na	9.22		mg/kg DW	4	R	MATU
Al	25.5		mg/kg DW	4	R	MATU
As	0.0566		mg/kg DW	4	H	IDJO
Ba	0.133		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00269		mg/kg DW	4	H	IDJO
Cr	0.0191		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0777		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 28 (38)



L1936294

22Q88XK36X6



Your ID		A07364				
		L/S 10				
LabID		U11676635				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	0.00652		mg/kg DW	4	H	IDJO
Pb	0.00587		mg/kg DW	4	H	IDJO
Sb	0.00956		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	0.0305		mg/kg DW	4	H	IDJO
DOC	5.10		mg/kg DW	4	2	JELU
Cl	<10		mg/kg DW	4	2	JELU
F	2.64		mg/kg DW	4	2	JELU
SO <sub>4</sub>	<50		mg/kg DW	4	2	JELU

# Report

Page 29 (38)



L1936294

22Q88XK36X6



Your ID		A07365				
		L/S 10				
LabID		U11676636				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.3	2%	%	2	I	LIAS
Weigh in *	90.6		g	3	I	LIAS
Volume added *	899		ml	3	I	LIAS
Ca	0.299	0.072	mg/l	4	R	MATU
Fe	0.749	0.091	mg/l	4	R	MATU
K	5.95	0.73	mg/l	4	R	MATU
Mg	0.362	0.045	mg/l	4	R	MATU
Na	1.12	0.14	mg/l	4	R	MATU
Al	2090	322	µg/l	4	R	MATU
As	13.4	3.0	µg/l	4	H	IDJO
Ba	13.8	2.8	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.387	0.173	µg/l	4	H	IDJO
Cr	1.30	0.34	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	8.68	2.22	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	2.85	0.87	µg/l	4	H	IDJO
Pb	0.676	0.172	µg/l	4	H	IDJO
Sb	1.34	0.35	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	3.27	1.45	µg/l	4	H	IDJO
pH	8.0			5	V	EM
Conductivity	2.85		mS/m	6	V	EM
DOC	0.57	0.11	mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.292	0.044	mg/l	8	1	JELU
SO <sub>4</sub>	5.02	0.75	mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	2.99		mg/kg DW	4	R	MATU
Fe	7.49		mg/kg DW	4	R	MATU
K	59.5		mg/kg DW	4	R	MATU
Mg	3.62		mg/kg DW	4	R	MATU
Na	11.2		mg/kg DW	4	R	MATU
Al	20.9		mg/kg DW	4	R	MATU
As	0.134		mg/kg DW	4	H	IDJO
Ba	0.138		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00387		mg/kg DW	4	H	IDJO
Cr	0.0130		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0868		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 30 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07365</b>				
		<b>L/S 10</b>				
LabID		U11676636				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.0285</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00676</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.0134</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>0.0327</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>5.70</b>		mg/kg DW	4	2	JELU
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	JELU
<b>F</b>	<b>2.92</b>		mg/kg DW	4	2	JELU
<b>SO<sub>4</sub></b>	<b>50.2</b>		mg/kg DW	4	2	JELU

# Report

Page 31 (38)



L1936294

22Q88XK36X6



Your ID		A07366				
		L/S 10				
LabID		U11676637				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.8	2%	%	2	I	LIAS
Weigh in *	90.2		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	0.544	0.092	mg/l	4	R	MATU
Fe	0.481	0.058	mg/l	4	R	MATU
K	5.02	0.62	mg/l	4	R	MATU
Mg	0.349	0.043	mg/l	4	R	MATU
Na	0.950	0.119	mg/l	4	R	MATU
Al	1490	238	µg/l	4	R	MATU
As	157	30	µg/l	4	R	MATU
Ba	7.19	1.48	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.193	0.118	µg/l	4	H	IDJO
Cr	1.11	0.28	µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	4.91	1.15	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	1.81	0.52	µg/l	4	H	IDJO
Pb	0.310	0.105	µg/l	4	H	IDJO
Sb	1.73	0.42	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	2.37	1.47	µg/l	4	H	IDJO
pH	7.8			5	V	EM
Conductivity	2.62		mS/m	6	V	EM
DOC	<0.50		mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.401	0.060	mg/l	8	1	JELU
SO <sub>4</sub>	<5.00		mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	5.44		mg/kg DW	4	R	MATU
Fe	4.81		mg/kg DW	4	R	MATU
K	50.2		mg/kg DW	4	R	MATU
Mg	3.49		mg/kg DW	4	R	MATU
Na	9.50		mg/kg DW	4	R	MATU
Al	14.9		mg/kg DW	4	R	MATU
As	1.57		mg/kg DW	4	R	MATU
Ba	0.0719		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00193		mg/kg DW	4	H	IDJO
Cr	0.0111		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0491		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 32 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07366</b>				
		<b>L/S 10</b>				
LabID		U11676637				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>0.0181</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00310</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.0173</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>0.0237</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>&lt;5</b>		mg/kg DW	4	2	JELU
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	JELU
<b>F</b>	<b>4.01</b>		mg/kg DW	4	2	JELU
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	JELU

# Report

Page 33 (38)



L1936294

22Q88XK36X6



Your ID		A07367				
		L/S 10				
LabID		U11676638				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.8	2%	%	2	I	LIAS
Weigh in *	90.2		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	6.05	0.76	mg/l	4	R	MATU
Fe	0.231	0.028	mg/l	4	R	MATU
K	2.74	0.34	mg/l	4	R	MATU
Mg	0.452	0.056	mg/l	4	R	MATU
Na	1.16	0.15	mg/l	4	R	MATU
Al	1370	212	µg/l	4	R	MATU
As	1590	256	µg/l	4	R	MATU
Ba	2.97	0.62	µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.0859	0.1010	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	2.68	0.93	µg/l	4	H	IDJO
Mo	<0.5		µg/l	4	H	IDJO
Ni	<0.5		µg/l	4	H	IDJO
Pb	0.314	0.105	µg/l	4	H	IDJO
Sb	1.23	0.33	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	<2		µg/l	4	H	IDJO
pH	7.8			5	V	EM
Conductivity	5.06		mS/m	6	V	EM
DOC	<0.50		mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.261	0.039	mg/l	8	1	JELU
SO <sub>4</sub>	<5.00		mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	60.5		mg/kg DW	4	R	MATU
Fe	2.31		mg/kg DW	4	R	MATU
K	27.4		mg/kg DW	4	R	MATU
Mg	4.52		mg/kg DW	4	R	MATU
Na	11.6		mg/kg DW	4	R	MATU
Al	13.7		mg/kg DW	4	R	MATU
As	15.9		mg/kg DW	4	R	MATU
Ba	0.0297		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.000859		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.0268		mg/kg DW	4	H	IDJO
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 34 (38)



**L1936294**

22Q88XK36X6



Your ID		<b>A07367</b>				
		<b>L/S 10</b>				
LabID		U11676638				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
<b>Ni</b>	<b>&lt;0.005</b>		mg/kg DW	4	H	IDJO
<b>Pb</b>	<b>0.00314</b>		mg/kg DW	4	H	IDJO
<b>Sb</b>	<b>0.0123</b>		mg/kg DW	4	H	IDJO
<b>Se</b>	<b>&lt;0.03</b>		mg/kg DW	4	H	IDJO
<b>Zn</b>	<b>&lt;0.02</b>		mg/kg DW	4	H	IDJO
<b>DOC</b>	<b>&lt;5</b>		mg/kg DW	4	2	JELU
<b>Cl</b>	<b>&lt;10</b>		mg/kg DW	4	2	JELU
<b>F</b>	<b>2.61</b>		mg/kg DW	4	2	JELU
<b>SO<sub>4</sub></b>	<b>&lt;50</b>		mg/kg DW	4	2	JELU

# Report

Page 35 (38)



L1936294

22Q88XK36X6



Your ID		A07368				
		L/S 10				
LabID		U11676639				
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign
SS-EN 12457-4	Ja	51	ArbMom	1	I	ASAP
DW before leaching	99.6	2%	%	2	I	LIAS
Weigh in *	90.3		g	3	I	LIAS
Volume added *	900		ml	3	I	LIAS
Ca	9.15	1.15	mg/l	4	R	MATU
Fe	0.00554	0.00469	mg/l	4	H	IDJO
K	4.63	0.57	mg/l	4	R	MATU
Mg	1.06	0.13	mg/l	4	R	MATU
Na	1.51	0.19	mg/l	4	R	MATU
Al	32.2	8.5	µg/l	4	H	IDJO
As	1290	203	µg/l	4	R	MATU
Ba	<0.2		µg/l	4	H	IDJO
Cd	<0.05		µg/l	4	H	IDJO
Co	0.127	0.108	µg/l	4	H	IDJO
Cr	<0.5		µg/l	4	H	IDJO
Cu	<1		µg/l	4	H	IDJO
Hg	<0.02		µg/l	4	F	EL
Mn	30.7	3.6	µg/l	4	R	MATU
Mo	<0.5		µg/l	4	H	IDJO
Ni	3.17	0.85	µg/l	4	H	IDJO
Pb	<0.2		µg/l	4	H	IDJO
Sb	9.98	2.43	µg/l	4	H	IDJO
Se	<3		µg/l	4	H	IDJO
Zn	2.06	1.23	µg/l	4	H	IDJO
pH	7.3			5	V	EM
Conductivity	8.89		mS/m	6	V	EM
DOC	<0.50		mg/l	7	1	JELU
Cl	<1.00		mg/l	8	1	JELU
F	0.570	0.085	mg/l	8	1	JELU
SO <sub>4</sub>	19.2	2.88	mg/l	8	1	JELU
<b>Leaching test recalculated mg/kg DW</b>						
Ca	91.5		mg/kg DW	4	R	MATU
Fe	0.0554		mg/kg DW	4	H	IDJO
K	46.3		mg/kg DW	4	R	MATU
Mg	10.6		mg/kg DW	4	R	MATU
Na	15.1		mg/kg DW	4	R	MATU
Al	0.322		mg/kg DW	4	H	IDJO
As	12.9		mg/kg DW	4	R	MATU
Ba	<0.002		mg/kg DW	4	H	IDJO
Cd	<0.0005		mg/kg DW	4	H	IDJO
Co	0.00127		mg/kg DW	4	H	IDJO
Cr	<0.005		mg/kg DW	4	H	IDJO
Cu	<0.01		mg/kg DW	4	H	IDJO
Hg	<0.0002		mg/kg DW	4	F	EL
Mn	0.307		mg/kg DW	4	R	MATU
Mo	<0.005		mg/kg DW	4	H	IDJO

# Report

Page 36 (38)



## L1936294

22Q88XK36X6



Your ID		<b>A07368</b>				
		<b>L/S 10</b>				
LabID		U11676639				
Analysis	Results	Uncertainty ( $\pm$ )	Unit	Method	Issuer	Sign
Ni	0.0317		mg/kg DW	4	H	IDJO
Pb	<0.002		mg/kg DW	4	H	IDJO
Sb	0.0998		mg/kg DW	4	H	IDJO
Se	<0.03		mg/kg DW	4	H	IDJO
Zn	0.0206		mg/kg DW	4	H	IDJO
DOC	<5		mg/kg DW	4	2	JELU
Cl	<10		mg/kg DW	4	2	JELU
F	5.70		mg/kg DW	4	2	JELU
SO <sub>4</sub>	192		mg/kg DW	4	2	JELU

	Method specification
1	Laktesten har utförts enligt SS-EN 12457-4. Den utvidgade osäkerheten är 51% enligt SS-EN 12457-4. Osäkerheten är beräknad med täckningsfaktor lika med 2 vilket ger en konfidensnivå på ungefär 95%.
2	Analysed according to SS 028113-1.
3	Sample preparation.
4	<p>Analysis of leachate.</p> <p>For determination of metals the sample was acidified with 1 ml of high-purity nitric acid per 100 ml. Determinations of tungsten (W) are however performed on non-acidified samples. For the determination of silver (Ag) the sample is preserved with (excess) hydrochloric acid.</p> <p>The ICP-SFMS analyses were carried out according to SS EN ISO 17294-1, 2 (modified) and US EPA Method 200.8 (modified). The ICP-AES analyses were carried out according to SS EN ISO 11885 (modified) and US EPA Method 200.7 (modified). The AFS analyses for Hg were carried out according to SS EN ISO 17852.</p> <p>Note that limits of reporting may be affected if, e.g. additional dilution was required because of matrix effects, or the sample quantity was limited.</p> <p>If the leaching test has been performed by ALS in Luleå, for recalculated concentrations to mg/kg TS (dry weight) see report or attachment.</p>
5	<p>Samples for measurement of pH should arrive to the laboratory as soon as possible after sampling, since pH is time sensitive analysis. According to SS EN ISO 5667-3 measurement should be done within 24 hours after sampling. Measurement of pH is based on SS EN ISO 10523.</p> <p>The measurement uncertainty for pH is 0.1 pH units.</p>
6	<p>Samples for measurement of conductivity should arrive to the laboratory as soon as possible after sampling, since conductivity is time sensitive analysis. According to SS EN ISO 5667-3 measurement should be done within 24 hours after sampling. Measurement of conductivity is based on SS EN 27888.</p> <p>The measurement uncertainty for conductivity is 8% expressed as relative value.</p>
7	CZ_SOP_D06_02_056 Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total inorganic carbon (TIC) and total carbon (TC) by IR detection (based on CSN EN 1484, CSN EN 16192, SM 5310).
8	CZ_SOP_D06_02_068 (CSN ISO 10304-1, CSN EN 16192) Determination of dissolved fluoride, chloride, nitrite, bromide, nitrate and sulphate by ion liquid chromatography and determination of nitrite nitrogen and nitrate nitrogen and sulfate sulfur by calculation from measured values.

	Approver
ASAP	Åsa Apelqvist
EL	Erik Lidman
EM	Erik Magnusson
HUCH	Huimin Chen
IDJO	Ida Jonsson
JELU	Jenny Lundmark
LIAS	Linda Åström

# Report

Page 38 (38)



L1936294

22Q88XK36X6



	Approver
MARH	Maria Hansman
MATU	Marcus Turunen

	Issuer <sup>1</sup>
F	AFS
H	ICP-SFMS
I	Man.Inm.
R	ICP-AES
V	Våtkemi
1	The analysis is provided by ALS Czech Republic, s.r.o., Na Harfe 336/9, 190 00 Prague 9, Czech Republic, which is a testing laboratory, accredited by the Czech Republic accreditation body CAI (Reg.no. 1163). CAI is a signatory to a MLA within the EA, the same MLA to which the Swedish accreditation body SWEDAC is also a signatory.
2	

\* indicates unaccredited analysis.

The uncertainty is given as extended uncertainty (according to the definition in "Guide to the Expression of Uncertainty in Measurement", JCGM 100:2008 Corrected version 2010) calculated with a coverage factor of 2, which gives a confidence level of approximately 95%.

Measurement of uncertainty is reported only for detected substances with levels above the reporting limits.

The uncertainty from subcontractors is often given as extended uncertainty calculated with a coverage factor of 2. Contact the laboratory for further information.

This report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

The results apply only to the material that has been identified, received, and tested.

Regarding the laboratory's liability in relation to assignment, please refer to our latest product catalogue or website <http://www.alsglobal.se>

The digitally signed PDF file represents the original report. Any printouts are to be considered as copies.

<sup>1</sup> The technical unit within ALS Scandinavia where the analysis was carried out, alternatively the subcontractor for the analysis.