ANALYTICAL REPORT: Total Trace Elements

To:	**GIY Hydroponics Trading as AquiScience**	Date of Request: 23-05-2022	UIS Analytical Services Analytical Chemistry Laboratories 4, 6 Tel: (012) 665 4291 Fax: (012) 665 4294
Attention:	**Ockie Scholtz**		
Project ID:	**QUOTE 22508 (BOILER ASH)**		
Site Location:			
Order No:			

Certificate of analysis: 44906

Note: all results in parts per million (mg/kg) unless specified otherwise

Lims ID	Sample ID	Ag	As	B	Ba	Be	Bi	Cd	Co	Cr	Cs	Cu	Ga	Ge	Hf	Hg	Ho	In	Li	Mn	Mo
	Total trace elements	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
833814	Southern/Proteins/Boiler/Ash/13/05/2022	1.80	5.40	109	1570	7.64	0.41	0.19	20.3	360	0.57	45.9	21.8	2.97	9.69	0.09	0.22	0.09	116	214	3.92

Lims ID	Sample ID	Nb	Ni	Pb	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Tl	U	V	W	Y	Zn	Zr	F	Cr6+
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
833814	Southern/Proteins/Boiler/Ash/13/05/2022	28.7	45.8	18.0	0.40	7.68	0.72	4.05	1411	2.92	0.15	7.87	0.21	12.2	123	5.07	12.9	43.0	350	112	<5

		Chemical elements:	Ag, As, B, Ba, Be, Bi, Cd, Co, Cr, Cs, Cu, Ga, Ge, Hf, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sc, Se, Sn, Ta, Te, Th, Tl, U, V, W, Y, Zn, Zr, F, Cr6+
		Instrument:	ICP-MS
		Method	UIS-AC-T104 Trace Elements in solid by ICP-MS
Date:	02-06-2022	Date:	20-06-2022
Analysed by:	SD Masebe; V Mammburu	Authorised :	JJ Oberholzer