

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Elemental Microanalysis Ltd		
Quotation Number:	17718	Date:	04/01/2024
Job Number:	IN1331	Date:	04/01/2024

HT-EA			
Pyrolysis (n=5)			
¹⁸ O	100 µg O or 1 µl water	0.3	
² H	200 µg H or 1 µl water	1.0	

Aqua, µCarbs & GasBox					
Equilibrations (n=5)					
¹⁸ O	0.2 ml water	0.1		0.03	✓
² H	0.2 ml water	2.0		0.71	✓
Carbonates (n=5)					
¹³ C	100 µg CaCO ₃	0.08		0.05	✓
¹⁸ O	100 µg CaCO ₃	0.1		0.08	✓
Gas Analysis (n=5)					
¹³ C	5% CO ₂	0.1		Air CO ₂	0.1
¹⁸ O	5% CO ₂	0.1		Air CO ₂	0.2
² H	0.5 ml H ₂	1.5			
¹⁵ N	0.5 ml N ₂	0.1		100 ppm N ₂ O	0.5
¹³ C	Breath (12 ml)	0.1	0.07		
DIC (n=5)					
¹³ C	15ppm (0.5ml)	0.15			

LC-I			
(n=5)			
¹³ C		0.2	