

6 - TEST / ACCEPTANCE SPECIFICATION

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

HS20-22				
Reference Gas Precision (n=5)				
¹³ C	(CO ₂)	0.06	0.03	✓
¹⁵ N		0.06	0.01	✓
¹⁸ O	(CO ₂)	0.06	0.03	✓
³⁴ S	(SO ₂)	0.1		
² H		0.4		

Reference Gas Linearity				
¹³ C	≤0.02‰/nA		0.009‰/nA	✓
¹⁵ N	≤0.02‰/nA			

IsoEArth & IsoEArth+						
Combustion (n=5)						
¹³ C	100 µg C	0.1		10 µg C	0.8	
¹⁵ N	100 µg N	0.15		10 µg N	1.5	
³⁴ S	25 µg S	0.3		10 µg S	1.0	
Dual	400 µg C	0.1		100 µg N	0.15	

Integra2			
¹³ C	100 µg C	0.2	
¹⁵ N	100 µg N	0.3	
Dual	100 µg N & 400 µg C	0.4 & 0.15	
³⁴ S	30 µg S	0.5	
¹⁸ O	100 µg O	0.5	