sercon
innovators in isotopes

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6 - ABCA2 TEST / ACCEPTANCE SPECIFICATION

Customer:	Reacting SARL, Morocco C/O: JYH		
Quotation Number:	13993c	Date:	05/05/2021
Job Number:	IN1260	Date:	02/06/2021
Unit Serial Number	20602/1-2021/1260		
Gas Box Serial Number	10602-2021/1260		
Autosampler Serial Number	052111A7400HR		

^{13}C				
Ref Gas Injection Precision	100% CO_2 (n=5)	≤0.1‰ 0.04 RECORD VALUE HERE	Test ☑ Sheet 1	Install ☐ Sheet __
Ref gas in tubes precision	10ml 5% CO_2 (n=5)	≤0.1‰ RECORD VALUE HERE	Test ☑ Sheet 2	Install ☐ Sheet __
Breath Precision	Breath in Exetainer (n=5)	≤0.2‰ 0.08 RECORD VALUE HERE	Test ☑ Sheet 3	Install ☐ Sheet __
Sensitivity	10ml 5% CO_2 in Exetainer	Major beam 5e-9 with trap of 150 1.36e-08 RECORD VALUE HERE	Test ☑ Sheet 4	Install ☐ Sheet __
Linearity	0.5% - 8.0% CO_2 in Exetainer	≤0.3 ‰ change 0.28 RECORD VALUE HERE	Test ☐ Sheet 5	Install ☐ Sheet __
Peak Shape	Beam 1,2 and 2/1	Minimum 5V wide 2/1. Gradient acceptable due to single turbo pump	Test ☑ Sheet 6	Install ☐ Sheet __
Stability	2/1 ratio over 600 seconds	Flat, no spikes or variations. Slight gradient acceptable	Test ☑ Sheet 7	Install ☐ Sheet __
Software Test	All read backs ☑ Valves function ☑ Autosampler bed ☑ CETAC Firmware Version No.:	.....	Date	Inital

Flow Meter S/N..10279.. **Leak Detector S/N**..110695..

Multi-Meter S/N..DUM1..

Special Tests

Linearity to be better than 0.3‰ and recorded

Sales Signature:	(Required)	Date: 5/8/2021
Test Signature:	(Completed)	Date: 24/8/21
Install Signature:	(Completed)	Date: 24/8/21

Data to be transferred to:
\\CENTRAL-SERVER\CentralFiles\SER SPREADSHEETS\Instrument Performance Spreadsheet.xls