

Certificate / Report of Calibration

Customori		044 (044)						
Customer:		OAA/PMEL/OERD			SO Number:	16363		
		eattle, WA 98115			RMA Number:	19709		
Description:		utosal			Certificate Number:	C16264		
Manufacturer:		Guildline Instruments			Date received	21-Nov-2016		
Model:	84	8008			Date of calibration	22-Dec-2016		
Serial Number:		68807			Due date	22-Dec-2018		
Certificate Number:		n/a			Procedure	18970.01.20_P		
Issue Date:		03-Jan-17			Temperature	(22 ± 2) °C		
Specification	18	970-01-85_B OCT 13 2006			Relative humidity	(35 ± 20) %rH		
Condition		In Good condition Condition		Within Specifications:	x			
as received	Ου	ut of Specification		as returned	With adjustements	х		
i		ysically Damaged			Repaired	X		
	De	efective	Х		With Limitations:			
anoda not be n	Measurement Sta	icators for long term stability.			Note:			
	GCS ID# / Descript	ption Due Date:		Guildline Instruments uses the guideline ILAC-				
	TS1086 34401		31-Oct	-2017	G8:03/2009 for reporting compliance with specifications. Statements of compliance relate on			
T\$1031 9540 512		5 30-Mar-2017		r-2017	the metrological aspects off the specification at the			
	TS1062 1281 20765-6			2018	measured points for the stated level of confidence,			
	P159, use by 15-Dec-2	2018			due allowance having being made of the measurement.	for the uncertainty		
				·	This calibration certificate may no other than in full except with the pissuing laboratory. Calibration Certisgnature are not valid.	ermission of the		
Calibrated by:	Tim Preece, Technology	<u>ee ee</u>	20		Authorized by: Kai Malomy, Metro	ogist		
Guildline Instrume	ents Limited 21 Gila	roy Street, Smiths Falls Ontario, Ca	anada	K7A 4S9 (613) 283-30	Page No: 1 of	2		



Report of Calibration No:

C16264

Calibration Report		84008	SN: 688	07	As returned		condition:	passed
Bath Temperature	Calibration (°	C)						
bath remperature	. Combradon (<u> </u>
Nominal	Measured	Conductivity	Rs Trīm					
Temp (°C)	Temp (°C)	Ratio	Setting					
18	17.997	1.99976	5.12		···			
21	20.995	1.99976	5.00					
24	23.994	1.99976	5.78					
27	26.995	1.99976	5.32					
30	29.993	1.99976	5.54					
33	32.997	1.99976	4.70					
			-					
Conductivity Stabi								
Date	Temp (°C) C	Conductivity Ratio on SSW	Conductivity	Difference Maximum	Standby	Zero		
		011 2244	Ratio (Measured)	(±0.00007)				
Dec 21,2016	23	1.99976	1.99975	0.00001	6136	0.00000		
Dec 21,2016	23	1.99976	1.99975	0.00001	6136	0.00000		
22-Dec-16	23	1.99976	1.99975	0.00001	6136	0.00000		
end of report								
Notes:								
The equipment was a	received defectiv	ve, obtaining incoming	g data was not possib	ole.				
The equipment was i	repaired and adj	usted to Guildline pro	cedures.					
				60				
	.					<u>.</u>		
							age 2 of 2	



REPAIR SUMMARY

Model:	8400B
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Serial Number: 68807

FOR

NOAA/PMEL

FAULTS FOUND:

-- Conductivity Cell was in poor condition.

WORK DONE:

- Reset all wired connections.
- Aligned and Calibrated per Guildline procedures

ATTACHMENTS:

-- Calibration certificate

COMMENTS:

Conductivity cell was cleaned.

Date: 23 Dec 2016

Guildline Instruments Limited