



Validator AVS Qualification Summary Report

Printed on 13-Jan-2023 at 10:31:22 by Alex Smith

Study Name: Empty Thermal Mapping	Company: KAYE	AVS SW Version: 1.5.1.7
SOP / Protocol #: VAL-276	Run #: 1	AVS Reports Version: 1.5.1.7
Asset Name: CO2 Incubator	Asset ID #: E2242	Firmware Version: 1.5.1.0
Started by: Alex Smith	Date: 10-Jan-2023 13:52:57 (UTC-05:00)	DAQ Version: 01.0.0.19
Setup Created By: Alex Smith	Setup Created Date: 10-Jan-2023 13:30:29 (UTC-05:00)	
AVS Validator S/N: 19090021	Comments:	

Comments:

Lethality has been selected with the following criteria:
Base temperature: 121.1°C D value: 1 Z value: 10
Lethality Calculated: Undefined

Calculations in Summary report is based on 5 Minute(s) Sampling Rate.

Sensor Input Module (SIMs)

AVS Validator S/N 19090021

Slot	Serial Number
1	0218036
2	1018054
3	12210759
4	

Groups Included In Report

CO2 - Include sensor inputs, Statistical Calculations
Near Control Temp Probe - Include sensor inputs, Statistical Calculations
Near EMS Temp Probe - Include sensor inputs, Statistical Calculations
Temperature - Include sensor inputs, Statistical Calculations

Performed by _____

Date: _____

Reviewed by: _____

Date: _____

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Sensors included in Report

Group Type	Sensor S/N	Probe ID	FW Version	Sensor Description	Calculate Lethality	Battery Life
CO2 - Voltage(pcmt)						
	CO2				No	
Near Control Temp Probe - Temperature(°C)						
	TC 9				No	
Near EMS Temp Probe - Temperature(°C)						
	TC 7				No	
Temperature - Temperature(°C)						
	TC 1				No	
	TC 2				No	
	TC 3				No	
	TC 4				No	
	TC 5				No	
	TC 6				No	
	TC 7				No	
	TC 8				No	
	TC 9				No	

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CO2	
Asset ID: E2242	SOP / Protocol #: VAL-276
Comments:	Description:

Voltage Data(pcnt)				
Sensor/Logger SN	1			
	Min	Max	Avg	Max-Min
CO2 (pcnt)	4.58	4.72	4.65	0.15

Voltage Summary Data(pcnt)			
	1		
Cycle Start	11-Jan-2023 00:00:00		
Cycle Duration	24:00:00		
Min of Min	4.58	S/N	CO2
Time	11-Jan-2023 08:00:00		
Max of Max	4.72	S/N	CO2
Time	11-Jan-2023 14:45:00		
Max Range	0.15		
Max Spread/Time	-	Time	-
Avg of Avg	4.65		
Max(Max-Min)	0.15	S/N	CO2

Totals	
Study Start	
11-Jan-2023 00:00:00	
Study End	
12-Jan-2023 00:00:00	
Duration	24:00:00
Study Min	
S/N	CO2
Study Max	
S/N	CO2

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Near Control Temp Probe	
Asset ID: E2242	SOP / Protocol #: VAL-276
Comments:	Description:

Temperature Data(°C)				
Sensor/Logger SN	1			
	Min	Max	Avg	Max-Min
TC9 (°C)	36.88	37.07	36.98	0.19

Temperature Summary Data(°C)			
	1		
Cycle Start	11-Jan-2023 00:00:00		
Cycle Duration	24:00:00		
Min of Min	36.88	S/N	TC9
Time	11-Jan-2023 02:30:00		
Max of Max	37.07	S/N	TC9
Time	11-Jan-2023 14:35:00		
Max Range	0.19		
Max Spread/Time	-	Time	-
Avg of Avg	36.98		
Max(Max-Min)	0.19	S/N	TC9

Totals	
Study Start	
11-Jan-2023 00:00:00	
Study End	
12-Jan-2023 00:00:00	
Duration	24:00:00
Study Min	
36.88	
S/N	
TC9	
Study Max	
37.07	
S/N	
TC9	

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Near EMS Temp Probe	
Asset ID: E2242	SOP / Protocol #: VAL-276
Comments:	Description:

Temperature Data(°C)				
Sensor/Logger SN	1			
	Min	Max	Avg	Max-Min
TC7 (°C)	35.41	37.65	36.52	2.24

Temperature Summary Data(°C)			
	1		
Cycle Start	11-Jan-2023 00:00:00		
Cycle Duration	24:00:00		
Min of Min	35.41	S/N	TC7
Time	11-Jan-2023 00:05:00		
Max of Max	37.65	S/N	TC7
Time	11-Jan-2023 22:30:00		
Max Range	2.24		
Max Spread/Time	-	Time	-
Avg of Avg	36.52		
Max(Max-Min)	2.24	S/N	TC7

Totals	
Study Start	
11-Jan-2023 00:00:00	
Study End	
12-Jan-2023 00:00:00	
Duration	24:00:00
Study Min	
35.41	
S/N	
TC7	
Study Max	
37.65	
S/N	
TC7	

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SOP / Protocol #: VAL-276

Temperature	
Asset ID: E2242	SOP / Protocol #: VAL-276
Comments:	Description:

Temperature Data(°C)				
Sensor/Logger SN	1			
	Min	Max	Avg	Max-Min
TC1 (°C)	36.26	36.46	36.36	0.20
TC2 (°C)	36.26	36.46	36.36	0.20
TC3 (°C)	36.28	36.46	36.36	0.18
TC4 (°C)	36.22	36.42	36.32	0.20
TC5 (°C)	36.30	36.50	36.40	0.20
TC6 (°C)	36.23	36.43	36.33	0.20
TC7 (°C)	35.41	37.65	36.52	2.24
TC8 (°C)	36.20	36.40	36.30	0.20
TC9 (°C)	36.88	37.07	36.98	0.19

Temperature Summary Data(°C)			
	1		
Cycle Start	11-Jan-2023 00:00:00		
Cycle Duration	24:00:00		
Min of Min	35.41	S/N	TC7
Time	11-Jan-2023 00:05:00		
Max of Max	37.65	S/N	TC7
Time	11-Jan-2023 22:30:00		
Max Range	2.24		
Max Spread/Time	1.60	Time	15:35:00
Avg of Avg	36.44		
Max(Max-Min)	2.24	S/N	TC7

Totals	
Study Start	11-Jan-2023 00:00:00
Study End	12-Jan-2023 00:00:00
Duration	24:00:00
Study Min	35.41
S/N	TC7
Study Max	37.65
S/N	TC7

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Comments:

System Messages

Events during qualification

11-Jan-2023 00:00:00

***** Study Start *****

12-Jan-2023 00:00:00

***** Study End *****