



# Loop Calibration Sheet

Gen2 Pharmaceuticals  
Ireland

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Tag: TT-LP001-001	Work Order: P/14/42/0001
Description: Temperature on Reactor 001	Safety: N/A
Service: N/A	SOP: AN1220 SOP 2
Company: CompuCal	Department: Calibration
Plant: Bleacher	Location: BOV
Tolerance Units	Class: Critical
Interval: 1 Weeks	Next Due Date: 10/2014
Tolerance%: -1.33 To 1.33	Tol Unit In: -2.00 To 2.00
	Range: 0.00 To 150.00 °C

Tag:	TI-LCP001-001	TI-DCS001-001	N/A	N/A
Model:	GT-3453	HG67623-0978	N/A	N/A
Manufacturer:	E+H	E+H	N/A	N/A
Serial No:	3245235	5383932	N/A	N/A
Range:	0.00 To 150.00 °C	0.00 To 150.00 °C	N/A	N/A

### Test Equipment/s Used

Stand Equip	Reference #1	Reference #2	Reference #3	Reference #4
Tag	TT-REF-001	N/A	N/A	N/A
Description	Temperature Reference	N/A	N/A	N/A
Function	0 to 500 Deg C	N/A	N/A	N/A
Accuracy	+/- 0.25 %	N/A	N/A	N/A
Serial No	T3544355	N/A	N/A	N/A
Cert. No	CE3453535	N/A	N/A	N/A
Traceability	UKAS	N/A	N/A	N/A
Due Date	19/12/14	N/A	N/A	N/A

### Calibration Values Before Adjustment

Tag	TI-LCP001-001	TI-DCS001-001	N/A	N/A					
Instrument Type	Temperature Indicator	Temperature on DCS	N/A	N/A					
Calibration Points	Applied Value	Reading		Reading		Reading		Reading	
	Input	°C	Error	°C	Error	N/A	Error	N/A	Error
0.00	0.01	0.00	-0.01	0.06	0.05	N/A	N/A	N/A	N/A
75.00	74.98	75.83	0.85	75.01	0.03	N/A	N/A	N/A	N/A
150.00	150.03	147.98	-2.05 *	149.96	-0.07	N/A	N/A	N/A	N/A

### Adjustment Y/N: Yes

0.00	0.02	0.01	-0.01	0.05	0.03	N/A	N/A	N/A	N/A
75.00	74.99	75.09	0.10	75.02	0.03	N/A	N/A	N/A	N/A
150.00	150.01	149.63	-0.38	149.99	-0.02	N/A	N/A	N/A	N/A

Labels Updated: Yes:  No:  Failed By User: No:  Yes:

Tasks: N/A

Setup Comments:  
N/A

### Entry Comments:

Calibration completed successfully.

### Acceptance Comments:

Components calibrated correctly and are now within MPE.

Conducted By: Felix Stubner

Date: 15/10/14

Accepted By: Eren Jaeger

Date: 15/10/14