

BIOSIL LTD (ASHBY) Quality Assurance

Ref: CR003	Rev: 06	Title: OVEN CALIBRATION RECORD	DR001 No: 9981	No: 592
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Plant Number: B0025/8 Description: Oven

Scheduled Calibration – Yes / No. If no – please state rationale _____

QA Informed of Unscheduled Calibration - Action taken _____

Date: <u>7-3-14</u>	<table border="1"> <tr> <td>Set Temperature :</td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>60°C</u></td> <td>10 mins</td> <td>20 mins</td> <td>30 mins</td> </tr> <tr> <td>1st Reading</td> <td>60.8°C</td> <td>60.1°C</td> <td>59.8°C</td> </tr> <tr> <td>2nd Reading</td> <td>60.8°C</td> <td>60°C</td> <td>59.8°C</td> </tr> <tr> <td>3rd Reading</td> <td>61°C</td> <td>59.8°C</td> <td>60°C</td> </tr> <tr> <td>Average</td> <td>60.8°C</td> <td>60°C</td> <td>59.8°C</td> </tr> <tr> <td>Computer reading</td> <td>62.8°C</td> <td>62°C</td> <td>61°C</td> </tr> <tr> <td>Chart reading</td> <td>60.8°C</td> <td>60°C</td> <td>59.5°C</td> </tr> </table>	Set Temperature :				<u>60°C</u>	10 mins	20 mins	30 mins	1st Reading	60.8°C	60.1°C	59.8°C	2nd Reading	60.8°C	60°C	59.8°C	3rd Reading	61°C	59.8°C	60°C	Average	60.8°C	60°C	59.8°C	Computer reading	62.8°C	62°C	61°C	Chart reading	60.8°C	60°C	59.5°C
Set Temperature :																																	
<u>60°C</u>		10 mins	20 mins	30 mins																													
1st Reading		60.8°C	60.1°C	59.8°C																													
2nd Reading		60.8°C	60°C	59.8°C																													
3rd Reading		61°C	59.8°C	60°C																													
Average		60.8°C	60°C	59.8°C																													
Computer reading		62.8°C	62°C	61°C																													
Chart reading		60.8°C	60°C	59.5°C																													
By: <u>TW</u>																																	
Next Due: <u>WK 36 SEP 14</u>																																	
Reference Equipment																																	
Plant No: <u>B0094/2R</u>																																	
Cert No: <u>T39046</u>																																	
Chart Recorder																																	
Plant No: <u>B0093/2R</u>																																	
Channel No: <u>5</u>																																	
PASS	<u>P</u>																																
FAIL																																	

Set Temperature :			
<u>100°C</u>	10 mins	20 mins	30 mins
1st Reading	98.8°C	99°C	99.2°C
2nd Reading	98.7°C	98.9°C	99.1°C
3rd Reading	99.1°C	99.2°C	99.4°C
Average	98.8°C	99°C	99.2°C
Computer reading	100.1°C	100.2°C	100.1°C
Chart reading	98°C	98.1°C	98.1°C

Set Temperature :			
<u>145°C</u>	10 mins	20 mins	30 mins
1st Reading	143°C	143.2°C	143°C
2nd Reading	144.8°C	144.8°C	144.3°C
3rd Reading	145.4°C	145.3°C	145°C
Average	144.4°C	144.4°C	144.1°C
Computer reading	145°C	145°C	144.9°C
Chart reading	143°C	143.2°C	143°C

Set Temperature :			
	10 mins	20 mins	30 mins
1st Reading			
2nd Reading			
3rd Reading			
Average			
Computer reading			
Chart reading			

BIOSIL LTD (ASHBY) Quality Assurance

Ref: CR002	Rev: 07	Title: CALIBRATION RECORD	DR001 No: 9981	No: 1365
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Plant Number: <u>B0118/1</u>
Description: <u>ATB</u>

Scheduled Calibration – Yes / No. If no – please state rationale

QA Informed of Unscheduled Calibration - Action taken

		Gun1	Gun2	Gun3	Gun4
Date: <u>22-1-14</u>	Calibration Range	35 psi	35 psi	35 psi	35 psi
By: <u>TW</u>	Acceptance Criteria	± 5 psi	± 5 psi	± 5 psi	± 5 psi
Next Due: <u>WK 16 APR 14</u>	1st Reading	34 psi	32 psi	36 psi	31 psi
Reference Equipment	2nd Reading	33 psi	32 psi	36 psi	32 psi
Plant No: <u>PG003651</u>	3rd Reading	34 psi	32 psi	36 psi	31 psi
Cert No: <u>T39442</u>	4th Reading				
PASS					
FAIL	Average	33.3 psi	32 psi	36 psi	31.3 psi
* Temperatures only where applicable	Computer reading*				
	Chart Recorder reading*				

Scheduled Calibration – Yes / No. If no – please state rationale

QA Informed of Unscheduled Calibration - Action taken

		Calibration Range				
Date: _____	Calibration Range					
By: _____	Acceptance Criteria					
Next Due: _____	1st Reading					
Reference Equipment	2nd Reading					
Plant No: _____	3rd Reading					
Cert No: _____	4th Reading					
PASS						
FAIL	Average					
* Temperatures only where applicable	Computer reading*					
	Chart Recorder reading*					

BIOSIL LTD (ASHBY) Quality Assurance

Ref: CR003	Rev: 06	Title: OVEN CALIBRATION RECORD	DR001 No: 9981	No: 591
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Plant Number: B0025/9 Description: Oven

Scheduled Calibration – Yes / ~~No~~. If no – please state rationale _____

QA Informed of Unscheduled Calibration - Action taken _____

Date: <u>6-3-14</u> By: <u>TW</u> Next Due: <u>WK36SEP14</u> Reference Equipment Plant No: <u>B0094/2R</u> Cert No: <u>T39046</u> Chart Recorder Plant No: <u>B0093/2R</u> Channel No: <u>6</u>	Set Temperature :			
	<u>60°C</u>	10 mins	20 mins	30 mins
	1st Reading	<u>64°C</u>	<u>63.8°C</u>	<u>63.8°C</u>
	2nd Reading	<u>63.9°C</u>	<u>63.7°C</u>	<u>63.7°C</u>
	3rd Reading	<u>63.8°C</u>	<u>63.6°C</u>	<u>63.6°C</u>
	Average	<u>63.9°C</u>	<u>63.7°C</u>	<u>63.7°C</u>
	Computer reading	<u>64°C</u>	<u>63.8°C</u>	<u>63.8°C</u>
	Chart reading	<u>63.8°C</u>	<u>63.6°C</u>	<u>63.6°C</u>
	PASS	<u>P</u>		
	FAIL			

Set Temperature :			
<u>100°C</u>	10 mins	20 mins	30 mins
1st Reading	<u>100.8°C</u>	<u>100.5°C</u>	<u>100.3°C</u>
2nd Reading	<u>100.6°C</u>	<u>100.1°C</u>	<u>100.1°C</u>
3rd Reading	<u>100.4°C</u>	<u>100°C</u>	<u>100°C</u>
Average	<u>100.6°C</u>	<u>100.2°C</u>	<u>100.1°C</u>
Computer reading	<u>99.7°C</u>	<u>100°C</u>	<u>100°C</u>
Chart reading	<u>99.7°C</u>	<u>99.8°C</u>	<u>99.3°C</u>

Set Temperature :			
<u>145°C</u>	10 mins	20 mins	30 mins
1st Reading	<u>145.9°C</u>	<u>145.4°C</u>	<u>145.3°C</u>
2nd Reading	<u>145.6°C</u>	<u>145°C</u>	<u>145.2°C</u>
3rd Reading	<u>146.7°C</u>	<u>145.4°C</u>	<u>145.7°C</u>
Average	<u>145.7°C</u>	<u>145.2°C</u>	<u>145.4°C</u>
Computer reading	<u>145°C</u>	<u>145°C</u>	<u>145°C</u>
Chart reading	<u>144.9°C</u>	<u>144.3°C</u>	<u>144.3°C</u>

Set Temperature :			
	10 mins	20 mins	30 mins
1st Reading			
2nd Reading			
3rd Reading			
Average			
Computer reading			
Chart reading			

BIOSIL LTD (ASHBY) Quality Assurance

Ref: CR002	Rev: 07	Title: CALIBRATION RECORD	DR001 No: 9981	No: 1363
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Plant Number: <u>B0007/1</u>
Description: <u>DIPPING OVEN</u>

Scheduled Calibration – Yes / No. If no – please state rationale

QA Informed of Unscheduled Calibration - Action taken

Date: <u>8.1.14</u>	Calibration Range	<u>50°C</u>	<u>60°C</u>			
By: <u>M Jackson</u>	Acceptance Criteria	<u>± 4°C</u>	<u>± 4°C</u>			
Next Due: <u>wk 15 April 14</u>	1st Reading	<u>49°C</u>	<u>59.1°C</u>			
Reference Equipment	2nd Reading	<u>48.7°C</u>	<u>59.1°C</u>			
Plant No: <u>B0094/2R</u>	3rd Reading	<u>-</u>	<u>-</u>			
Cert No: <u>T39046</u>	4th Reading	<u>-</u>	<u>-</u>			
PASS						
FAIL	Average	<u>48.9°C</u>	<u>59.1°C</u>			
* Temperatures only where applicable	Computer reading*	<u>50°C</u>	<u>60.1°C</u>			
	Chart Recorder reading*	<u>48.7°C</u>	<u>59°C</u>			

Scheduled Calibration – Yes / No. If no – please state rationale

QA Informed of Unscheduled Calibration - Action taken

Date: _____	Calibration Range					
By: _____	Acceptance Criteria					
Next Due: _____	1st Reading					
Reference Equipment	2nd Reading					
Plant No: _____	3rd Reading					
Cert No: _____	4th Reading					
PASS						
FAIL	Average					
* Temperatures only where applicable	Computer reading*					
	Chart Recorder reading*					