

CTSU LAB -80 FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **December**

Year **2023**

Refrigerator ID/Location: **SUDLER 2012 LAB**

Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Fri 12/1/2023	0740	-80	-80	-80	mw	
Mon 12/4/2023	0750	-81	-81	-81	w	
Tue 12/5/2023	0737	-80	-80	-80	w	
Wed 12/6/2023	0737	-80	-80	-80	w	
Thu 12/7/2023	0747	-81	-81	-81	w	
Fri 12/8/2023	0730	-80	-80	-81	w	
Mon 12/11/2023	0826	-81	-81	-81	w	
Tue 12/12/2023	0824	-81	-81	-81	w	
Wed 12/13/2023	0755	-81	-81	-81	mw	
Thu 12/14/2023		-80	-79	-80		
Fri 12/15/2023		-80	-79	-80		
Mon 12/18/2023	0754	-80	-79	-80	w	
Tue 12/19/2023	0746	-80	-79	-80	mw	
Wed 12/20/2023	0750	-81	-80	-81	w	
Thu 12/21/2023	0642	-81	-80	-81	w	
Fri 12/22/2023	0705	-80	-80	-81	w	
Mon 12/25/2023	_____					Closed for Holiday Break
Tue 12/26/2023						
Wed 12/27/2023						
Thu 12/28/2023						
Fri 12/29/2023						

CTSU LAB -8o FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **November**

Year **2023**

Refrigerator ID/Location: SUDLER LAB 2012E

Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Wed 11/1/2023	0732	-79	-79	-79	W	
Thu 11/2/2023	0917	-81	-81	-81	W	
Fri 11/3/2023	0718	-81	-80	-81	W	
Mon 11/6/2023	0810	-81	-81	-81	PL	
Tue 11/7/2023	0751	-81	-81	-81	W	
Wed 11/8/2023	0900	-80	-81	-81	DH	
11/9/2023	0817	-80	-80	-80	DH	
Fri 11/10/2023	<hr style="border: 1px solid black;"/>					Closed
Mon 11/13/2023	0701	-80	-79	-80	W	
Tue 11/14/2023	0752	-79	-79	-79	W	
Wed 11/15/2023	1710	-79	-79	-79	DH	
Thu 11/16/2023	0747	-79	-79	-79	W	
Fri 11/17/2023	0721	-79	-79	-79	W	
Mon 11/20/2023	1100	-79	-79	-79	W	
Tue 11/21/2023	1000	-79	-79	-79	DH	
Wed 11/22/2023	0905	-80	-80	-80	MW	
Thu 11/23/2023	<hr style="border: 1px solid black;"/>					Closed
Fri 11/24/2023	<hr style="border: 1px solid black;"/>					Closed
Mon 11/27/2023	0803	-80	-80	-80	MW	
Tue 11/28/2023	0735	-81	-79	-81	MW	
Wed 11/29/2023	0731	-81	-79	-81	W	
Thu 11/30/2023	0730	-80	-80	-80	W	

CTSU Lab -8o FREEZER Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **October**

Year

Year **2023**

Refrigerator ID/Location: SUDLER 2012E LAB

	Date (Weekdays only)	Time	Temp °C	Min °C	Max °C	Initials	Comments
Mon	10/2/2023	0738	-81	-81	-81	W	
Tue	10/3/2023	0947	-80	-80	-81	PL	
Wed	10/4/2023	0935	-79	-78	-79	PL	
Thu	10/5/2023	0742	-80	-80	-80	W	
Fri	10/6/2023	0742	-80	-80	-80	W	
Mon	10/9/2023	0811	-81	-81	-81	PL	
Tue	10/10/2023	0820	-81	-81	-81	PL	
Wed	10/11/2023	0841	-80	-81	-81	PL	
Thu	10/12/2023	0833	-81	-81	-81	W	
Fri	10/13/2023	0831	-81	-81	-81	JUPN	
Mon	10/16/2023	0743	-81	-80	-81	MW	
Tue	10/17/2023	0959	-80	-80	-80	W	
Wed	10/18/2023	0853	-80	-80	-80	W	
Thu	10/19/2023	0948	-79	-79	-79	W	
Fri	10/20/2023	0742	-80	-79	-79	W	
Mon	10/23/2023	0744	-80	-79	-80	W	
Tue	10/24/2023	1011	-79	-79	-79	PL	
Wed	10/25/2023	0716	-81	-79	-81	W	
Thu	10/26/2023	0825	-81	-79	-81	W	
Fri	10/27/2023	0825	-81	-79	-81	W	
Mon	10/30/2023	0825	-81	-79	-81	W	
Tue	10/31/2023	0821	-80	-80	-80	PL	

CTSU Lab -8o FREEZER Min/Max Temperature Log

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Month **September**

Year **2023**

Refrigerator ID/Location: SUDLER 2012F

Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Fri 9/1/2023	0752	-81	-81	-81	w	
Mon 9/4/2023	←					Closed
Tue 9/5/2023	0812	-81	-81	-81	PL	
Wed 9/6/2023	0848	-81	-79	-81	w	
Thu 9/7/2023	0722	-80	-79	-81	w	
Fri 9/8/2023	0826	-80	-79	-81	PL	
Mon 9/11/2023	0810	-80	-80	-80	w	
Tue 9/12/2023	0801	-79	-79	-81	w	
Wed 9/13/2023	0731	-80	-79	-81	w	
Thu 9/14/2023	0742	-80	-79	-81	w	
Fri 9/15/2023	0730	-79	-79	-80	w	
Mon 9/18/2023	0738	-80	-80	-80	w	
Tue 9/19/2023	1340	-79	-79	-79	PL	
Wed 9/20/2023	0730	-81	-81	-81	w	
Thu 9/21/2023	1135	-79	-79	-79	PL	
Fri 9/22/2023	0737	-81	-81	-81	w	
Mon 9/25/2023	0900	80	79	81	PL	
Tue 9/26/2023	1157	-76.9	-79	-79	DH	
Wed 9/27/2023	1143	-74	-72	-81	R	
Thu 9/28/2023	0940	-78.9	-60	-79	DH	
Fri 9/29/2023						

CTSU Lab -8o Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **August**

Year **2023**

Refrigerator ID/Location: SUDLER 2012E LAB

	Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Tue	8/1/2023	0607	-81	-80	-81	mw	
Wed	8/2/2023	1211	-79	-79	-80	mw	
Thu	8/3/2023	0815	-80	-81	-81	mw	
Fri	8/4/2023	0800	-81	-80	-81	mw	
Mon	8/7/2023	0750	-81	-81	-81	mw	
Tue	8/8/2023	0830	-81	-79	-81	PL	
Wed	8/9/2023	0820	-81	-80	-81	w	
	8/10/2023	0832	-81	-81	-81	w	
Fri	8/11/2023	1427	-79	-79	-79	mw	
Mon	8/14/2023	0728	-80	-79	-81	w	
Tue	8/15/2023	0628	-80	-79	-81	w	
Wed	8/16/2023	0756	-80	-80	-80	mw	
Thu	8/17/2023	0746	-80	-80	-80	w	
Fri	8/18/2023	0746	-80	-80	-80	w	
Mon	8/21/2023	0747	-80	-80	-80	w	
Tue	8/22/2023	0956	-80	-80	-80	PL	
Wed	8/23/2023	0822	-81	-81	-81	PL	
Thu	8/24/2023	1054	-79	-79	-80	PL	
Fri	8/25/2023	1050	-79	-79	-80	PL	
Mon	8/28/2023	0653	-80	-79	-80	mw	
Tue	8/29/2023	0743	-80	-80	-81	mw	
Wed	8/30/2023	0734	-81	-81	-81	w	
Thu	8/31/2023	0752	-81	-81	-81	w	

CTSU Lab -80 Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month July

Year 2023

Refrigerator ID/Location: SUDLER 2012 LAB

	Date (Weekdays only)	Time	Temp	Min °C	Max °C	Initials	Comments
Mon	7/3/2023	0818	-81	-79	-81	mw	
Tue	7/4/2023	0848	-81	-79	-81	PL	
Wed	7/5/2023	09:15	-81	-79	-81	PL	
Thu	7/6/2023	0900	-81	-79	-80	OH	
Fri	7/7/2023	1720	-79	-75	-80	OH	
Mon	7/10/2023	0753	-81	-79	-81	mw	
	7/11/2023	0735	-80	-79	-81	mw	
Wed	7/12/2023	0731	-79	-77	-81	mw	
Thu	7/13/2023	0746	-79	-77	-81	mw	
Fri	7/14/2023	0729	-81	-79	-81	mw	
Mon	7/17/2023	0846	-81	-79	-81	mw	
Tue	7/18/2023	0856	-81	-75	-81	PL	
Wed	7/19/2023	0856	-81	-75	-81	PL	
Thu	7/20/2023	0715	-81	-79	-81	mw	
Fri	7/21/2023	0710	-80	-79	-81	mw	
Mon	7/24/2023	0713	-80	-79	-81	mw	
Tue	7/25/2023	0815	-81	-81	-81	mw	
Wed	7/26/2023	0800	-79	-79	-80	mw	
Thu	7/27/2023	08100	-79	-79	-80	mw	
Fri	7/28/2023	1355	-79	-78	-81	mw	
Mon	7/31/2023	0853	-81	-81	-81	mw	

CTSU Lab -80 Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90 °C

Month **June**

Year **2023**

Refrigerator ID/Location:

	Date (Weekdays only)	Time	Min °C	Max °C	Initials	Comments
Thu	6/1/2023	-79	-75	-81	w	
Fri	6/2/2023	-79	-74	-81	w	
Mon	6/5/2023	-80	-79	-81	w	
Tue	6/6/2023	-79	-79	-81	w	
Wed	6/7/2023	-81	-79	-81	w	
Thu	6/8/2023	-81	-79	-81	w	
Fri	6/9/2023	-79	-75	-81	w	
Mon	6/12/2023	-80	-79	-81	PL	
Tue	6/13/2023	-80	-79	-81	PL	
Wed	6/14/2023	-79	-79	-81	w	
Thu	6/15/2023	-80	-79	-80	w	
Fri	6/16/2023	-81	-79	-81	w	
Mon	6/19/2023	-81	-79	-81	w	
Tue	6/20/2023	-81	-79	-81	w	
Wed	6/21/2023	-79	-69	-81	w	
Thu	6/22/2023	-79	-79	-81	w	
Fri	6/23/2023	-79	-79	-81	w	
Mon	6/26/2023	-80	-79	-81	w	
Tue	6/27/2023	-79	-79	-81	w	
Wed	6/28/2023	-80	-79	-81	PL	
Thu	6/29/2023	-79	-79	-81	PL	
	6/30/2023	-80	-79	-81	w	

CTSU Lab -80 Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month **May**

Year **2023**

Refrigerator ID/Location:

Sudler 2012

	Date (Weekdays only)	Temp Time	Min °C	Max °C	Initials	Comments
Mon	5/1/2023	-80	-79	-78	W	
Tue	5/2/2023	-79	-78	-79	W	
Wed	5/3/2023	-80	-79	-78	W	
Thu	5/4/2023	-80	-79	-78	DH	
Fri	5/5/2023	-80	-79	-78	DH	
Mon	5/8/2023	-80	-79	-78	DH	
Tue	5/9/2023	-80	-79	-78	MW	
Wed	5/10/2023	-81	-79	-78	W	
Thu	5/11/2023	-79	-77	-81	PL	
Fri	5/12/2023	-78	-77	-81	W	
Mon	5/15/2023	-78	-77	-81	W	
Tue	5/16/2023	-81	-79	-81	W	
Wed	5/17/2023	-80	-79	-81	W	
Thu	5/18/2023	-79	-79	-81	W	
Fri	5/19/2023	-81	-79	-81	W	
Mon	5/22/2023	-79	-70	-81	DH	
Tue	5/23/2023	-79	-79	-81	W	
Wed	5/24/2023	-80	-79	-81	W	
Thu	5/25/2023	-80	-66	-81	W	
Fri	5/26/2023	-80	-79	-81	W	
Mon	5/29/2023	Closed Holiday				
Tue	5/30/2023	-79	-79	-81	W	
	5/31/2023	-80	-70	-81	W	

CTSU Lab -80 Freezer Min/Max Temperature Log

Maintain temperature between -65°C to -90°C

Month April

Year 2023

Refrigerator ID/Location: Judley

	Date (Weekdays only)	Temp Time	Min °C	Max °C	Initials	Comments
Mon	4/3/2023	-79	-78	-77	MW	
Tue	4/4/2023	-79	-78	-78	PL	
Wed	4/5/2023	-79	-77	-78	W	
Thu	4/6/2023	-79	-77	-78	W	
Fri	4/7/2023	-79	-78	-78	W	
Mon	4/10/2023	-81	-78	-78	PL	
	4/11/2023	-80	-79	-78	W	
Wed	4/12/2023	-80	-79	-78	W	
Thu	4/13/2023	-80	-79	-78	W	
Fri	4/14/2023	-80	-79	-78	W	
Mon	4/17/2023	-80	-79	-78	DH	
Tue	4/18/2023	-80	-79	-78	DH	
Wed	4/19/2023	-80	-79	-79	PL	
Thu	4/20/2023	-79	-79	-78	DH	
Fri	4/21/2023	-80	-79	-78	W	
Mon	4/24/2023	-81	-80	-79	W	
Tue	4/25/2023	-79	-79	-78	PL	
Wed	4/26/2023	-79	-78	-78	PL	
Thu	4/27/2023	-81	-80	-79	W	
Fri	4/28/2023	-81	-80	-79	W	

1768003
Freezer
-80
-65 to -90 °C

Lab Specimen -80 Freezer Temperature Log for 2023

Maintain temperature between -65 to -90 C.

°F °C

	Jan	Feb	Mar	Apr	May	Jun	Min/Max	Comments
1	-80	-81/-78	-78	-80/-79				
2	-80	-81/-78	-79	-80/-79				
3	-79	-81/-77	-81	-81/-78				
4	-80	-81/-78						
5	-80	-81/-78						
6	-80	-81/-79	-79	-80	-80/-79			
7		-80	-81/-78	-80	-80/-79			
8		-79	-81/-79	-80	-80/-79			
9	-80	-80	-80/-78	-79	-80/-79			
10	-80	-81/-77	-81	-81				
11	-80	-81/-78						
12	-79	-80/-78						
13	-78	-81/-78	-80	-80/-79				
14		-80	-81/-79	-79	-80/-79			
15		-79	-80/-78	-80	-80/-79			
16		-80	-80/-78	-80	-80/-79			
17	-79	-81/-79	-80	-80/-79				
18	-79	-81/-77						
19	-80	-81/-78						
20	-80	-81/-78	-78	-80				
21		-80	-80/-78	-80				
22		-80	-80/-78	-79				
23	-80	-81/-79	-80	-80/-78				
24	-79	-81/-77	-80	-80/-79				
25	-79	-81/-77						
26	-80	-81/-78						
27	-79	-81/-77	-79	-80/-79	-81/-79			
28		-79	-80/-78	-80	-80/-79			
29			-78	-80/-79				
30	-79	-80/-79	-80	-77/-78				
31	-80	-77/-70	-80	-77/-78				

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Signatures: [Signature] [Signature]

-If out of range, recheck in 5 minutes.
-If remains out of range >5minutes, advise management.