Balance Monitoring and Maintenance

Manufacturer OHAUS Model AX224N
Serial Number C2410B33468 Capacity 220g

Balance Identification AX224N

Date 01/2/25 Analyst DN
Room °C 18.4 Humidity % 58

Notes: 10:36am
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. 1.0g	1. 1.0000g	1. 3.0g	1. 3.0000g	1. 5.0g	1. 5.0000g
2. 1.0g	2. 1.0000g	2. 3.0g	2. 3.0001g	2. 5.0g	2. 5.0001g
3. 1.0g	3. 1.0000g	3. 3.0g	3. 3.0001g	3. 5.0g	3. 5.0000g
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

N/A

Date ____ Analyst ____
Room °C ____ Humidity % ____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

Balance Monitoring and Maintenance

Manufacturer METTLER Model PJ6000
Serial Number 455951 Capacity 6000g

Balance Identification PJ6000

Date 12/2/24 Analyst DN/DS
Room °C 20.3 Humidity % 45

Notes: 11:28
WEIGHT SET # 9072

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. 1.0g	1. 1.0g		1. 5.0g	1. 5.0g		1. 30.0g	1. 30.0g	
2. 1.0g	2. 1.0g		2. 5.0g	2. 5.0g		2. 30.0g	2. 30.0g	
3. 1.0g	3. 1.0g		3. 5.0g	3. 5.0g		3. 30.0g	3. 30.0g	
Actual: $\bar{x}$ = ____ σ = ____ % ____			Actual: $\bar{x}$ = ____ σ = ____ % ____			Actual: $\bar{x}$ = ____ σ = ____ % ____		

Date 01/2/25 Analyst DN
Room °C 20.9 Humidity % 53

Notes: 12:05pm
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. 1.0g	1. 1.0g		1. 5.0g	1. 5.0g		1. 30.0g	1. 30.0g	
2. 1.0g	2. 1.0g		2. 5.0g	2. 5.0g		2. 30.0g	2. 30.0g	
3. 1.0g	3. 1.0g		3. 5.0g	3. 5.0g		3. 30.0g	3. 30.0g	
Actual: $\bar{x}$ = ____ σ = ____ % ____			Actual: $\bar{x}$ = ____ σ = ____ % ____			Actual: $\bar{x}$ = ____ σ = ____ % ____		

Balance Monitoring and Maintenance

Manufacturer Mettler Model T
Serial Number 0063642 Capacity _____

Balance Identification CB150

Date 01/2/25 Analyst DN
Room °C 18.9 Humidity % 58

Notes: 11:27am
WEIGHT SET # B323405602

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. 2.0Kg	1. 2.00Kg		1. 2.0Kg	1. 2.00Kg		1. 2.0Kg	1. 2.00Kg	
2. 2.0Kg	2. 2.00Kg		2. 2.0Kg	2. 2.00Kg		2. 2.0Kg	2. 2.00Kg	
3. 2.0Kg	3. 2.00Kg		3. 2.0Kg	3. 2.00Kg		3. 2.0Kg	3. 2.00Kg	
Actual: $\bar{x}$ = _____	σ = _____	% _____	Actual: $\bar{x}$ = _____	σ = _____	% _____	Actual: $\bar{x}$ = _____	σ = _____	% _____

N/A

Date _____ Analyst _____
Room °C _____ Humidity % _____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. _____	1. _____		1. _____	1. _____		1. _____	1. _____	
2. _____	2. _____		2. _____	2. _____		2. _____	2. _____	
3. _____	3. _____		3. _____	3. _____		3. _____	3. _____	
Actual: $\bar{x}$ = _____	σ = _____	% _____	Actual: $\bar{x}$ = _____	σ = _____	% _____	Actual: $\bar{x}$ = _____	σ = _____	% _____

Balance Monitoring and Maintenance

Manufacturer OHAUS Model AX2202
Serial Number C144891573 Capacity 2220g

Balance Identification Toploader SD-1

Date 01/2/25 Analyst DN
Room °C 18.4 Humidity % 58

Notes:
10:58am
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. 1.0g	1. 1.00g	1. 5.0g	1. 5.00g	1. 30.0g	1. 30.00g
2. 1.0g	2. 1.00g	2. 5.0g	2. 5.00g	2. 30.0g	2. 30.00g
3. 1.0g	3. 1.00g	3. 5.0g	3. 5.00g	3. 30.0g	3. 30.01g
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

N/A

Date ____ Analyst ____
Room °C ____ Humidity % ____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. ____	1. ____	1. ____	1. ____	1. ____	1. ____
2. ____	2. ____	2. ____	2. ____	2. ____	2. ____
3. ____	3. ____	3. ____	3. ____	3. ____	3. ____
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

Balance Monitoring and Maintenance

Manufacturer OHAUS Model AX2202
Serial Number C14489152 Capacity 2200g

Balance Identification Toploader SD 2

Date 01/2/25 Analyst DN
Room °C 18.4 Humidity % 58

Notes: 11:06am
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. 1.0g	1. 1.01g	1. 5.0g	1. 5.00g	1. 30.0g	1. 30.00g
2. 1.0g	2. 1.00g	2. 5.0g	2. 5.00g	2. 30.0g	2. 30.00g
3. 1.0g	3. 1.00g	3. 5.0g	3. 5.00g	3. 30.0g	3. 29.99g
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

N/A

Date ____ Analyst ____
Room °C ____ Humidity % ____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

Balance Monitoring and Maintenance

Manufacturer OHAUS Model AX2202
Serial Number C2462741173 Capacity 2220g

Balance Identification Toploader SD3

Date 01/2/25 Analyst DN
Room °C 18.4 Humidity % 58

Notes: 10:49am
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. 1.0g	1. 1.00g	1. 5.0g	1. 5.00g	1. 30.0g	1. 30.00g
2. 1.0g	2. 1.00g	2. 5.0g	2. 5.00g	2. 30.0g	2. 30.00g
3. 1.0g	3. 1.00g	3. 5.0g	3. 5.00g	3. 30.0g	3. 30.02g
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

N/A

Date ____ Analyst ____
Room °C ____ Humidity % ____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. ____	1. ____	1. ____	1. ____	1. ____	1. ____
2. ____	2. ____	2. ____	2. ____	2. ____	2. ____
3. ____	3. ____	3. ____	3. ____	3. ____	3. ____
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

Balance Monitoring and Maintenance

Manufacturer OHAUS Model AX2202
Serial Number C341925977 Capacity 2200g

Balance Identification Toploader SD 4

Date 01/2/25 Analyst DN

Room °C 18.4 Humidity % 58

Notes: 11:19am

WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. 1.0g	1. DN ~~5.0~~ 1.00g	1. 5.0g	1. 5.00g	1. 30.0g	1. 30.00g
2. 1.0g	2. 0.99g	2. 5.0g	2. 5.00g	2. 30.0g	2. 30.00g
3. 1.0g	3. 1.00g	3. 5.0g	3. 5.00g	3. 30.0g	3. 30.02g
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

N/A

Date ____ Analyst ____

Room °C ____ Humidity % ____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1. ____	1. ____	1. ____	1. ____	1. ____	1. ____
2. ____	2. ____	2. ____	2. ____	2. ____	2. ____
3. ____	3. ____	3. ____	3. ____	3. ____	3. ____
Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____		Actual: $\bar{x}$ = ____ σ = ____ % ____	

2025 DN 03/20/2025

SURROGATE WEIGHT MEASUREMENTS FOR MU CALCULATIONS ~~2024~~

DATE: 1/6/2025 ANALYST: DN

BALANCE	WEIGHT								
	SD Lab Time 1 : 09:52 (am) / pm Temp/Humidity: 19.2 °C / 31 %			ER Area Time 2 : 10:25 (am) / pm Temp/Humidity: 21.3 °C / 28 %			T/V Area Time 3 : 10:20 (am) / pm Temp/Humidity: 20.2 °C / 32		
AP210S	NOT DONE g	FOR THIS g	WEEK. / g	NOT IN SERVICE g	g	g	g	g	g
AX224N	1.0010 g	1.0010 g	1.0010 g	5.0053 g	5.0053 g	5.0053 g	99.9598 g	99.9599 g	99.9597 g
MPC2000	1.00 g	1.00 g	1.01 g	5.01 g	5.01 g	5.00 g	99.97 g	99.98 g	99.97 g
SD1	1.01 g	1.00 g	1.00 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.95 g
SD2	0.99 g	1.00 g	1.00 g	5.01 g	5.01 g	5.01 g	99.98 g	99.96 g	99.98 g
SD3	1.01 g	1.00 g	1.00 g	5.01 g	5.01 g	5.02 g	99.96 g	99.96 g	99.96 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.00 g	99.96 g	99.95 g	99.95 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	99.9 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

DATE: 1/13/2025 ANALYST: DN

BALANCE	WEIGHT								
	SD Lab Time 1 : 09:24 (am) / pm Temp/Humidity: 18.7 °C / 46 %			ER Area Time 2 : 09:52 (am) / pm Temp/Humidity: 21.3 °C / 37 %			T/V Area Time 3 : 09:42 (am) / pm Temp/Humidity: 20.8 °C / 40		
AP210S	1.0010 g	1.0010 g	1.0009 g	5.0052 g	5.0052 g	5.0053 g	99.9590 g	99.9591 g	99.9590 g
AX224N	1.0010 g	1.0010 g	1.0010 g	5.0054 g	5.0054 g	5.0050 g	99.9593 g	99.9592 g	99.9594 g
MPC2000	1.00 g	1.00 g	1.00 g	5.01 g	5.01 g	5.00 g	99.98 g	99.98 g	99.97 g
SD1	1.00 g	1.00 g	1.01 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.96 g
SD2	1.00 g	1.00 g	1.00 g	5.01 g	5.00 g	5.00 g	99.97 g	99.97 g	99.96 g
SD3	0.99 g	1.01 g	0.99 g	4.99 g	5.01 g	5.01 g	99.95 g	99.97 g	99.95 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.95 g	99.96 g	99.96 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

BCCL Weight Set - 155617

SURROGATE WEIGHT MEASUREMENTS FOR MU CALCULATIONS ~~2024~~ 2025 DN 03/20/2025

DATE: 1/23/2025 ANALYST: DN

BALANCE	WEIGHT								
	SD Lab Time 1 : 04:14 am / (pm) Temp/Humidity: 17.6 °C / 31 %			ER Area Time 2 : 04:40 am / (pm) Temp/Humidity: 20.1 °C / 25 %			T/V Area Time 3 : 04:32 am / (pm) Temp/Humidity: 20.8 °C / 30		
AP210S	1.0009 g	1.0008 g	1.0009 g	5.0052 g	5.0051 g	5.0051 g	99.9592 g	99.9591 g	99.9591 g
AX224N	1.0010 g	1.0011 g	1.0010 g	5.0052 g	5.0055 g	5.0052 g	99.9590 g	99.9591 g	99.9590 g
MPC2000	1.00 g	1.00 g	1.00 g	5.02 g	5.01 g	5.00 g	99.98 g	99.98 g	99.98 g
SD1	1.01 g	1.00 g	1.00 g	5.00 g	5.00 g	5.00 g	99.96 g	99.95 g	99.96 g
SD2	1.00 g	1.00 g	1.00 g	5.01 g	4.99 g	5.00 g	99.95 g	99.96 g	99.96 g
SD3	1.00 g	1.01 g	0.99 g	4.99 g	5.01 g	5.01 g	99.96 g	99.98 g	99.96 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.95 g	99.96 g	99.96 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

DATE: 1/27/2025 ANALYST: DN

BALANCE	WEIGHT								
	SD Lab Time 1 : 08:15 (am) / pm Temp/Humidity: 19.2 °C / 67 %			ER Area Time 2 : ~~09:17~~ 10:19 DN 1/27/25 (am) / pm Temp/Humidity: ~~20.6~~ 20.3 °C / ~~56~~ 56 % DN 1/27/25			T/V Area Time 3 : 09:17 (am) / pm Temp/Humidity: 20.6 °C / 56		
AP210S	1.0010 g	1.0009 g	1.0011 g	5.0052 g	5.0051 g	5.0051 g	99.9593 g	99.9590 g	99.9592 g
AX224N	1.0008 g	1.0010 g	1.0008 g	5.0053 g	5.0052 g	5.0055 g	99.9595 g	99.9594 g	99.9597 g
MPC2000	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.97 g	99.97 g	99.97 g
SD1	1.00 g	1.00 g	1.00 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.96 g
SD2	1.00 g	0.99 g	1.01 g	5.00 g	5.01 g	5.01 g	99.96 g	99.95 g	99.96 g
SD3	0.99 g	1.00 g	0.99 g	4.99 g	5.01 g	5.00 g	99.95 g	99.93 g	99.96 g
SD4	1.01 g	0.99 g	1.00 g	5.01 g	5.01 g	5.01 g	99.95 g	99.93 g	99.94 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg