

Factors	Value (lb)	Distribution	Standard Uncertainty (u), lb	Index
Aldinger UM	0.00287500	normal	0.00287500	10.71%
Control standard deviation	0.00954516	Normal	0.00954516	35.54%
Linearity	0.05000000	rectangular	0.01443375	53.75%
Subtotal of u values			0.02685391	100.00%
Subtotal of Squared values			0.00030770	
Combined Uncertainty			utot = 0.01754163	

Uncertainty (single event, k=2)				Uexp=	0.07016652
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Multiple event						
					utot =	0.03508326
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.07

Balance #3

Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00088227	normal	0.00088227	60.45%
Control standard deviation	0.00000000	Normal	0.00000000	0.00%
Linearity	0.00200000	rectangular	0.00057735	39.55%
Subtotal of u values			0.00145962	100.00%
Subtotal of Squared values			0.00000111	
Combined Uncertainty			utot = 0.00105438	

Uncertainty (single event, k=2)				Uexp=	0.004
Multiple event					
				utot =	0.002
		n =	1		
		r ₂ =	1		
Uncertainty (multiple events, k=2)				Uexp =	0.004

Balance #4

Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00088227	normal	0.00088227	42.83%
Control standard deviation	0.00060041	Normal	0.00060041	29.15%
Linearity	0.00200000	rectangular	0.00057735	28.03%
Subtotal of u values			0.00206003	100.00%
Subtotal of Squared values			0.00000147	
Combined Uncertainty			utot = 0.00121335	

Uncertainty (single event, k=2)				Uexp=	0.00485340
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Multiple event						
					utot =	0.00242670
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.005

Balance #5

Title:
DOC-2024 DRUG-Uncertainty of Measurement

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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00088227	normal	0.00088227	44.68%
Control standard deviation	0.00051514	Normal	0.00051514	26.09%
Linearity	0.00200000	rectangular	0.00057735	29.24%
Subtotal of u values			0.00197476	100.00%
Subtotal of Squared values			0.00000137	
Combined Uncertainty			utot = 0.00117350	

Uncertainty (single event, k=2)				Uexp=	0.00469400
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Multiple event						
					utot =	0.00234700
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.005

BALANCE #6

Title:
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Unit:
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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00031863	normal	0.00031863	71.62%
Control standard deviation	0.00006855	Normal	0.00006855	15.41%
Linearity	0.00020000	rectangular	0.00005773	12.98%
Subtotal of u values			0.00044491	100.00%
Subtotal of Squared values			0.00000010	
Combined Uncertainty			utot = 0.00033099	

Uncertainty (single event, k=2)				Uexp=	0.00132396
Multiple event					
				utot =	0.00066198
		n =	1		
		r ₂ =	1		
Uncertainty (multiple events, k=2)				Uexp =	0.001

Balance #7

Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00031863	normal	0.00031863	70.75%
Control standard deviation	0.00007402	Normal	0.00007402	16.44%
Linearity	0.00020000	rectangular	0.00005773	12.82%
Subtotal of u values			0.00045038	100.00%
Subtotal of Squared values			0.00000011	
Combined Uncertainty			utot = 0.00033216	

Uncertainty (single event, k=2)				Uexp=	0.00132864
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Multiple event						
					utot =	0.00066432
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)						
					Uexp =	0.0013

Balance #8

Factors	Value (lb)	Distribution	Standard Uncertainty (u), lb	Index
Aldinger UM	0.00287500	normal	0.00287500	7.67%
Control standard deviation	0.02015144	Normal	0.02015144	53.79%
Linearity	0.05000000	rectangular	0.01443375	38.53%
Subtotal of u values			0.03746019	100.00%
Subtotal of Squared values			0.00062267	
Combined Uncertainty			utot = 0.02495354	

Uncertainty (single event, k=2)Uexp=0.09981416

Multiple event						
					utot =	0.04990708
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.10

Balance #10

Title:
DOC-2024 DRUG-Uncertainty of Measurement

Unit:
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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00110000	normal	0.00110000	47.09%
Control standard deviation	0.00065867	Normal	0.00065867	28.20%
Linearity	0.00200000	rectangular	0.00057735	24.72%
Subtotal of u values			0.00233602	100.00%
Subtotal of Squared values			0.00000197	
Combined Uncertainty			utot = 0.00140612	

Uncertainty (single event, k=2)				Uexp=	0.00562448
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Multiple event						
					utot =	0.00281224
			n =	1		
			r ₂ =	1		
Uncertainty (multiple events, k=2)					Uexp =	0.006

Balance #11

Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00088227	normal	0.00088227	55.64%
Control standard deviation	0.00012597	Normal	0.00012597	7.94%
Linearity	0.00200000	rectangular	0.00057735	36.41%
Subtotal of u values			0.00158559	100.00%
Subtotal of Squared values			0.00000112	
Combined Uncertainty			utot = 0.00106188	

Uncertainty (single event, k=2)					Uexp=	0.00424752
Multiple event						
					utot =	0.00212376
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.004

Balance #12

Title:
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Unit:
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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.01575454	normal	0.01575454	56.83%
Control standard deviation	0.00619572	Normal	0.00619572	22.35%
Linearity	0.02000000	rectangular	0.00577350	20.83%
Subtotal of u values			0.02772376	100.00%
Subtotal of Squared values			0.00031992	
Combined Uncertainty			utot = 0.01788647	

Uncertainty (single event, k=2)				Uexp=	0.07154588
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Multiple event						
					utot =	0.03577294
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.07

Balance #14

Title:
DOC-2024 DRUG-Uncertainty of Measurement

Unit:
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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00276272	normal	0.00276272	69.20%
Control standard deviation	0.00065224	Normal	0.00065224	16.34%
Linearity	0.00200000	rectangular	0.00057735	14.46%
Subtotal of u values			0.00399231	100.00%
Subtotal of Squared values			0.00000839	
Combined Uncertainty			utot = 0.00289678	

Uncertainty (single event, k=2)				Uexp=	0.01158712
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Multiple event						
					utot =	0.00579356
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.012

Balance #15

Title:
DOC-2024 DRUG-Uncertainty of Measurement

Unit:
CHEM

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Factors	Value (mg)	Distribution	Standard Uncertainty (u), mg	Index
Aldinger UM	0.34500000	normal	0.34500000	75.18%
Control standard deviation	0.05617197	Normal	0.05617197	12.24%
Linearity	0.20000000	rectangular	0.05773502	12.58%
Subtotal of u values			0.45890699	100.00%
Subtotal of Squared values			0.12551362	
Combined Uncertainty			utot = 0.35427901	

Uncertainty (single event, k=2)				Uexp=	1.41711604
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Multiple event						
					utot =	0.70855802
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	1.417 (mg)

Balance #17

Title:
DOC-2024 DRUG-Uncertainty of Measurement

Unit:
CHEM

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Factors	Value (g)	Distribution	Standard Uncertainty (u), g	Index
Aldinger UM	0.00088227	normal	0.00088227	45.27%
Control standard deviation	0.00048917	Normal	0.00048917	25.10%
Linearity	0.00200000	rectangular	0.00057735	29.63%
Subtotal of u values			0.00194879	100.00%
Subtotal of Squared values			0.00000135	
Combined Uncertainty			utot = 0.00116233	

Uncertainty (single event, k=2)				Uexp=	0.00464932
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Multiple event						
					utot =	0.00232466
		n =	1			
		r ₂ =	1			
Uncertainty (multiple events, k=2)					Uexp =	0.005

Balance #18