

Double Substitution Data Sheet
(Optional Sequence A)
SXXS

Laboratory data and conditions:

Operator		
Date		Temperature
Balance		Pressure
Nominal Load		Relative Humidity
Standard deviation of the process, from control chart, s_p		

Mass standard(s) data:

ID	Nominal	Mass Correction*	Expanded Unc: From cal. report	Unc: k factor	Density g/cm^3
S					
X					
sw					
t_s					
t_x					

*Mass Correction = *True Mass* if using buoyancy correction. Mass Correction = *Conventional Mass* if NOT using buoyancy correction. Density is used only with buoyancy corrections.

Observations:

Observation No.	Weights	Balance Observations, Units
Time:		
1 (O_1)	$S + t_s$	
2 (O_2)	$X + t_x$	
3 (O_3)	$X + t_x + sw$	
4 (O_4)	$S + t_s + sw$	
Time:		

Measurement Assurance (Duplication of the Process):

Observation No.	Weights	Balance Observations, Units
Time:		
1 (O_1)	$S + t_s$	
2 (O_2)	$S_c + t_{Sc}$	
3 (O_3)	$S_c + t_{Sc} + sw$	
4 (O_4)	$S + t_s + sw$	
Time:		

Note: dotted line represents decimal point