

**Double Substitution Data Sheet**  
(Optional Sequence B)  
*XSSX*

**Laboratory data and conditions:**

Operator			
Date		Temperature	
Balance		Pressure	
Load		Relative Humidity	
Process standard deviation from control chart, $s_p$			

**Mass standard(s) data:**

ID	Nominal	Mass Correction*	Expanded Unc: From Cal. report	Unc: k factor	Density g/cm <sup>3</sup>
$X$					
$S$					
$sw$					
$t_x$					
$t_s$					

\*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 ( $O_1$ )	$X + t_x$	
2 ( $O_2$ )	$S + t_s$	
3 ( $O_3$ )	$S + t_s + sw$	
4 ( $O_4$ )	$X + t_x + sw$	
Time:		

**Measurement Assurance (Duplication of the Process):**

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

Note: dotted line represents decimal point.