

FS Lab #:
Chemist:

Analyte:
Internal Std:

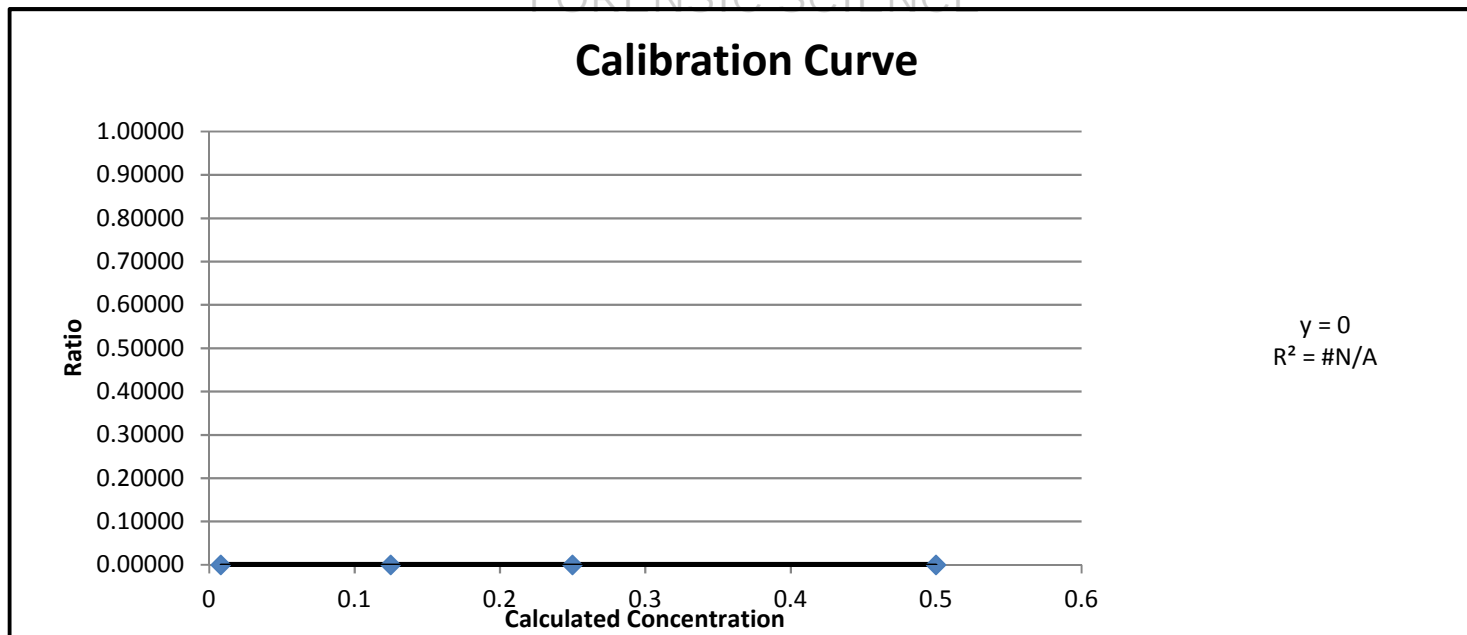
CBD

Std (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio
0.008			#DIV/0!
0.125			#DIV/0!
0.250			#DIV/0!
0.500			#DIV/0!

Slope	Intercept	R ²
#DIV/0!	#DIV/0!	#DIV/0!

Control (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)
0.250		
Ratio	Calc. Conc.	Accuracy
#DIV/0!	#DIV/0!	#DIV/0!

Note: If removing a low or high calibrator verify that calculated concentration falls on remaining curve.



FS Lab / Item #: **0**
 Chemist: **0**

Analyte: **CBD**
 Internal Std: **0**

Sample	Weight (W)	Volume (V ₁)	Volume (V ₂)	Volume (V ₃)	W = sample weight in mg V ₁ = volume of initial dilution in mL V ₂ = volume transferred from initial dilution in mL V ₃ = final volume after 2nd dilution in mL Calc. Conc. = (Ratio-Intercept) / Slope % Purity = {Calc. Conc. / ((W * [V ₂ / V ₁]) / V ₃)} * 100
1					
2					
3					
4					
5					
6					
Sample	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio	Calc. Conc.	% Purity
1			#DIV/0!	#DIV/0!	#DIV/0!
2			#DIV/0!	#DIV/0!	#DIV/0!
3			#DIV/0!	#DIV/0!	#DIV/0!
4			#DIV/0!	#DIV/0!	#DIV/0!
5			#DIV/0!	#DIV/0!	#DIV/0!
6			#DIV/0!	#DIV/0!	#DIV/0!
Mean					#DIV/0!
Standard Deviation					#DIV/0!
Relative Standard Deviation					#DIV/0!

Acceptance Criteria for QC Purity Solutions: ±15 %Relative				
The acceptance criteria for QC purity is considered a rectangular distribution in which a=15.0				
u=(15/√3) = 8.66% _{Relative}				
Calculation of Combined Uncertainty (%)			Calculation of Expanded Uncertainty	
Check Std Purity Tolerance	8.66		95% Confidence Level	#DIV/0!
Replicate Relative Std. Deviation	#DIV/0!		95% Confidence Level %purity	#DIV/0!
Combined Uncertainty	#DIV/0!			
Results	95% Confidence Level	#DIV/0!	±	#DIV/0!

FS Lab #:
Chemist:

Analyte:
Internal Std:

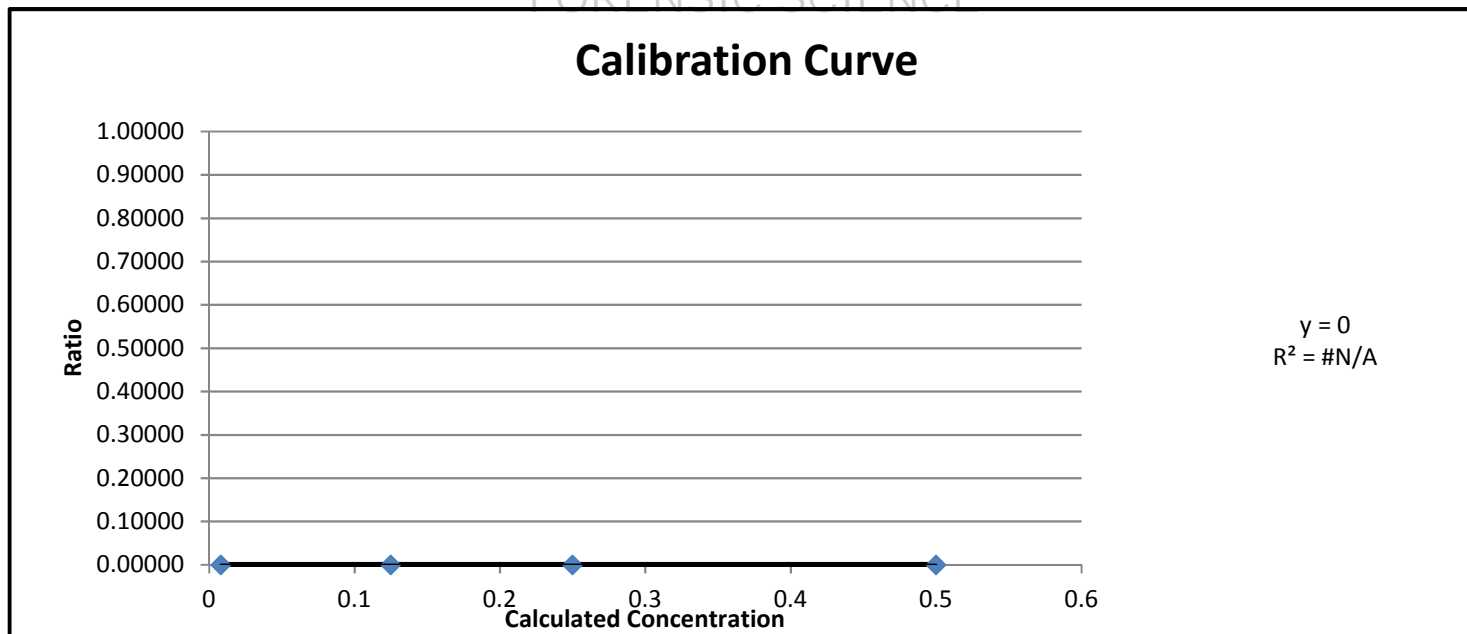
THC

Std (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio
0.008			#DIV/0!
0.125			#DIV/0!
0.250			#DIV/0!
0.500			#DIV/0!

Slope	Intercept	R ²
#DIV/0!	#DIV/0!	#DIV/0!

Control (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)
0.250		
Ratio	Calc. Conc.	Accuracy
#DIV/0!	#DIV/0!	#DIV/0!

Note: If removing a low or high calibrator verify that calculated concentration falls on remaining curve.



FS Lab / Item #: **0**
 Chemist: **0**

Analyte: **THC**
 Internal Std: **0**

Sample	Weight (W)	Volume (V ₁)	Volume (V ₂)	Volume (V ₃)	W = sample weight in mg V ₁ = volume of initial dilution in mL V ₂ = volume transferred from initial dilution in mL V ₃ = final volume after 2nd dilution in mL Calc. Conc. = (Ratio-Intercept) / Slope % Purity = {Calc. Conc. / ((W * [V ₂ / V ₁]) / V ₃)} * 100
1					
2					
3					
4					
5					
6					
Sample	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio	Calc. Conc.	% Purity
1			#DIV/0!	#DIV/0!	#DIV/0!
2			#DIV/0!	#DIV/0!	#DIV/0!
3			#DIV/0!	#DIV/0!	#DIV/0!
4			#DIV/0!	#DIV/0!	#DIV/0!
5			#DIV/0!	#DIV/0!	#DIV/0!
6			#DIV/0!	#DIV/0!	#DIV/0!
Mean					#DIV/0!
Standard Deviation					#DIV/0!
Relative Standard Deviation					#DIV/0!

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u=(15/√3) = 8.66% _{Relative}				
Calculation of Combined Uncertainty (%)			Calculation of Expanded Uncertainty	
Check Std Purity Tolerance	8.66		95% Confidence Level	#DIV/0!
Replicate Relative Std. Deviation	#DIV/0!		95% Confidence Level %purity	#DIV/0!
Combined Uncertainty	#DIV/0!			
Results	95% Confidence Level		#DIV/0!	± #DIV/0!

FS Lab #:
Chemist:

Analyte:
Internal Std:

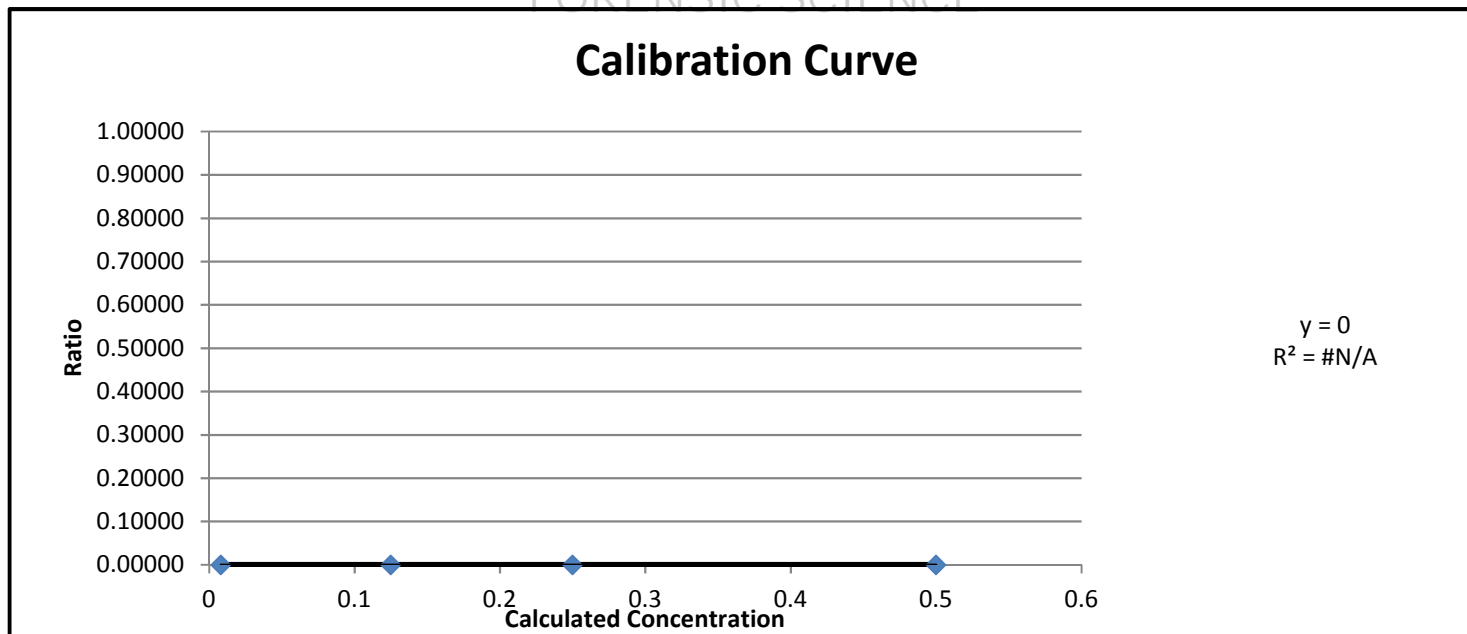
THC-A

Std (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio
0.008			#DIV/0!
0.125			#DIV/0!
0.250			#DIV/0!
0.500			#DIV/0!

Slope	Intercept	R ²
#DIV/0!	#DIV/0!	#DIV/0!

Control (mg/mL)	Peak Area (Analyte)	Peak Area (Internal Std)
0.250		
Ratio	Calc. Conc.	Accuracy
#DIV/0!	#DIV/0!	#DIV/0!

Note: If removing a low or high calibrator verify that calculated concentration falls on remaining curve.



FS Lab / Item #: **0**
 Chemist: **0**

Analyte: **THC-A**
 Internal Std: **0**

Sample	Weight (W)	Volume (V ₁)	Volume (V ₂)	Volume (V ₃)	W = sample weight in mg V ₁ = volume of initial dilution in mL V ₂ = volume transferred from initial dilution in mL V ₃ = final volume after 2nd dilution in mL Calc. Conc. = (Ratio-Intercept) / Slope % Purity = {Calc. Conc. / ((W * [V ₂ / V ₁]) / V ₃)} * 100
1					
2					
3					
4					
5					
6					
Sample	Peak Area (Analyte)	Peak Area (Internal Std)	Ratio	Calc. Conc.	% Purity
1			#DIV/0!	#DIV/0!	#DIV/0!
2			#DIV/0!	#DIV/0!	#DIV/0!
3			#DIV/0!	#DIV/0!	#DIV/0!
4			#DIV/0!	#DIV/0!	#DIV/0!
5			#DIV/0!	#DIV/0!	#DIV/0!
6			#DIV/0!	#DIV/0!	#DIV/0!
Mean					#DIV/0!
Standard Deviation					#DIV/0!
Relative Standard Deviation					#DIV/0!

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Calculation of Combined Uncertainty (%)			Calculation of Expanded Uncertainty	
Check Std Purity Tolerance	8.66		95% Confidence Level	#DIV/0!
Replicate Relative Std. Deviation	#DIV/0!		95% Confidence Level %purity	#DIV/0!
Combined Uncertainty	#DIV/0!			
Results	95% Confidence Level		#DIV/0!	± #DIV/0!