KB ARTICLES





KB2019 -Adjusting for Dry Weight ноw то

Scenario:

TITAN[®] provides the ability to automatically adjust results for dry weight. You can leverage this feature by configuring your analysis methods based on the instructions below.

Solution:

An Analysis Method will need to be created or existing so that Analytes can be added or edited.

Analysis Method	- Dry Weig	ght Test 🗙									*
Analysis Met	thod -	Dry Weig	ht Test								
General Details	Prices	Sample Types	Allowed Container Types	Facilities	Analyt	es Employees With Result	Approval	Retest Limits	Subcontracting	Auto Reporting	Ch ∢ ▶
Name	Dry Weig	ght Test									
Method Reference	Dry WT				\sim						
Туре					\sim	Category					\sim
Description											
Version						Mathad Idantifiar					
version						Method Identifier					
						Write On Form Type Code					
Active											
Activated Date	01/01/202	23 ~									
								Refresh	Delete	Save Save	& Close

Once the method exists, you will need to add a new analyte for the dry weight calculation to take place. This analyte must be named exactly "Percent Solids" (no quotation marks). You can use the create button to create this new analyte. If an Analysis Method and Analytes already exist, you will simply need to add the single new Percent Solids analyte.

Analytes			Allowed Container	r Types Facilities	Analytes E	mployees With Result A	Approval R	etest Limits	Subcontracting	Auto Rep	orting Ch
	Drag a	column header	r here to group by t	hat column.							
	Di	splay Order 🧹	⊨ Name -⊨ A	djust for Dry Weight	+ Entry Ur	it ⊣⊐ Reporting Unit	🖶 Dry Weigl	ht Reporting U	nit 👍 Default	Result Value	e 🕂 🕂 🕂
Facility Analytes	=										
Customer Analytes	1		Arsenic	\checkmark	mg/L	mg/L	mg/kg				
	2		Zinc		mg/L	mg/L	mg/kg				
	• 3		Percent Solids		%	%					
	<										
-	XF	ilter							Refresh	Create	Delete
-	Showing	3 item(s)									
								Refresh	Delete	Save	Save & Clo
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Analysis Method - D	Dry Weig	ht Test 🚺	🖱 Analyte - Arsenic I	(Dry Weight Test) 🄉	c			Refresh	Delete	Save	Save & Clo
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Analysis Method - D nalyte - Arse eneral Description	Dry Weig enic (on Calc	ht Test ADry Weig	⊙ Analyte - Arsenic ht Test) hic Analyte Limits	(Dry Weight Test) ➤ Result Values S	c Gurrogate Valu	Jes		Refresh	Delete	Save	Save & Clo
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The "Adjust for Dry Weight" box will need to be checked for all Analytes **other** than "Percent Solids". A unit different than the "Entry Unit" and "Reporting Unit" can be selected in the "Dry Weight Reporting Unit" to be displayed for the result.

When an Analyte is marked for "Adjust for Dry Weight" the reported result is calculated when the same sample has a result value for an Analyte named "Percent Solids". The Percent Solids analyte does not have to be on the same Analysis Method as those Analytes being adjusted for dry weight; it only needs to be on the same sample.

Working with Dry Weight

The "Percent Solids" measured value needs to be entered first. Once entered all corrected values will be adjusted for the dry weight. When there are no results present for the "Percent Solids" the results are not computed and will show "No % Solids" for the Reported Value.

Work Order	- V	VO-231011-0	5									
General Descript	tion/C	comments Samples	Containers Planned Analy	ses Pooled Sam	ples Work Order Se	ervices Managin	g Employees	Image Files	CAPAs Incide	nts Work Order Conditio	ons Additional Contacts	a Aliquo
Results	Dra	g a column header h	ere to group by that column.									
		Method Reference	+ Analyte	Dilution Factor	+ Measured Value +	Numeric Value 🛪	Corrected Val	ue 🖙 Reported V	alue 🗢 % Solids	Dry Weight Corrected	Dry Weight Reported	+ Alique
Results w/Limits				-		-	-		-	-		
		Dry WT	Arsenic (Dry Weight Test)	1.0000	3	3.000000	30.000000	30.0	10.000000			WO-2
		Dry WT	Zinc (Dry Weight Test)	1.0000	8	8.000000	80.000000	80.0	10.000000			WO-2
	►	Dry WT	Percent Solids (Dry Weight	1.0000	10	10.000000	10.000000	10.0				WO-2

Alternatively, TITAN[®] provides a configuration setting that displays the adjusted for dry weight values in separate columns, "Dry Weight Corrected" and "Dry Weight Reported", instead of the result's "Corrected Value" and "Reported Value" columns.

LIMS					
Business	Use Peer Review	Aggregate Result Lise Corrected			
Communication	Analyst Requires Training	Aggregate Result Report Only			
	Enable Continuous OC				
	Auto Create Chained Aliquots	Hide Analysis Methods on Sample Login			
	Calculated Results are Read Only				
	Ignore Result State on DMR Report				
	Require Collect Date on Arcent Sample				
	Results use Bankers Rounding				
	Auto Schedule Samples				
	Auto Schedule Sumples	307			
	Auto Apply Vendor Froduct Analysis Fie	3113			
	Send Email on Sample Completion				
	Serie Linar on Sample Completion Series Analysis Methods by Project on b	v Default			
	Filter Collectors by Customer	y Default			
		7			
	Below MDL Reported Value:	Not Detected			
			Refresh	Save	Save & Clo
				0010	0010 0 010

Results	Drag a column header here to group by that column.											
		Method Reference	+ Analyte +	Dilution Factor	+ Measured Value +	Numeric Value 🛱	Corrected Value +	Reported Value 🛱	% Solids	Dry Weight Corrected	🖶 Dry Weight Reported	+ Aliquot
Results w/Limits				=		=	-		-	=		
		Dry WT	Arsenic (Dry Weight Test)	1.0000	з	3.000000	3.000000	3.00	10.000000	30.000000	30.0	WO-2310
		Dry WT	Zinc (Dry Weight Test)	1.0000	8	8.000000	8.000000	8.00	10.000000	80.000000	80.0	WO-2310
	•	Dry WT	Percent Solids (Dry Weight	1.0000	10	10.000000	10.000000	10.0				WO-2310

Applies To:

Wo

• TITAN[®] v3 and higher

RELATED KNOWLEDGE BASE ARTICLES:

KB2009 - Setting Analyte Sig Figs, Cutoffs, and Decimals

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WP001 | KB00004 - 063021