

UPLC Sample Preparation Worksheet

Form Number: QAF1046 Revision Number: 07 Effective Date: 06/12/2020

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Date:	Chemist	Reviewed. By
Sample WIP No	Sample SCN Lot No.	
Sample Name:		
Sample type: Finished	Product Ingredient: Usage Rate	
Expected Levels of Vit	A IU/serving	Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
A acetate Factor = 0 .344 μg/IU. UPLC result μg/ml A palmitate Factor = 0.550 μg/IU UPLC result μg/ml Notebook No		Correction Factor for Inj Vol (IVstd/ IVsa)
		Vitamin A UPLC Result (IU/serving * CF Inj Vol)
		IU/serving
Stock Std pa No.	Working Sds Pg. No	A acetate = UPLC (μg/ml) /0.344x100/SE
olean em parte.		A Palmitate = UPLC (µg/ml) /0.55x100/SE
-	- ""	Ord hei Vel (West)
Expected Levels of Vit	E IU/serving	Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
E DL- α Factor = 1000 μg/IU UPLC result μg/ml E D- α Factor = 735 μg/IU UPLC result μg/ml		Correction Factor for Inj Vol (IVstd/ IVsa)
Notebook No.		Vitamin E UPLC Result (IU/serving * CF Inj Vol)
Stock Std pg No	Working Sds Pg. No	IU/serving
		E DL-α = UPLC (μg/ml) /1000x100/SE E D-α = UPLC (μg/ml) /735x100/SE
		(13. 7)
Expected Levels of Vit	DIU/serving	Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
UPLC result IU/ml =		Correction Factor for Inj Vol (IVstd/ IVsa)
Notebook No	 Working Sds Pg. No	Vitamin D UPLC Result (IU/serving * CF Inj Vol)
Stock Stu pg No	Working Sus Fg. No	IU/serving
		UPLC (IU/ml) x100/SE
		Vitamin C. Resultmg/serving
	Cmg/serving	
By Titration		
Sample Prep for Assay for Fat Soluble		Sample Prep for Assay for Vitamin C
Piece Weight (grams):		Piece Weight (grams):
Number of Units Per Sp	pec:	Number of Units Per Spec:
Spec Weight SPW (grams):		Spec Weight SPW (grams):
Sample weight SW (grams):		Sample weight SW (grams):
Servings Extracted SE	. ≣∙	Servings Extracted SE:
Number of servings for extraction SW/SPW :		Number of servings for extraction SW/SPW :



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Sample WIP No	Sample SCN Lot No	D
Sample Name:		
Sample type: Finished F	Product Ingredient : Usage Rate	e
Expected Levels of		Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
Notebook No	-	Correction Factor for Inj Vol (IVstd/ IVsa)
Stock Std pg No	Working Sds Pg. No	UPLC Result (IU/serving * CF Inj Vol)
Expected Levels of		Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
Notebook No	-	Correction Factor for Inj Vol (IVstd/ IVsa)
Stock Std pg No	Working Sds Pg. No	UPLC Result (IU/serving * CF Inj Vol)
Expected Levels of		Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
Notebook No	-	Correction Factor for Inj Vol (IVstd/ IVsa)
Stock Std pg No	Working Sds Pg. No	UPLC Result (IU/serving * CF Inj Vol)
Expected Levels of Notebook No Stock Std pg No	 Working Sds Pg. No	Std Inj Vol (IVstd) Sample Inj Vol (IVsa) Correction Factor for Inj Vol (IVstd/ IVsa) UPLC Result (IU/serving * CF Inj Vol)
]
Expected Levels of		Std Inj Vol (IVstd) Sample Inj Vol (IVsa)
Notebook No	-	Correction Factor for Inj Vol (IVstd/ IVsa)
Stock Std pg No	Working Sds Pg. No	UPLC Result (IU/serving * CF Inj Vol)
Sample Prep for Ass	<u>ay</u>	
Piece Weight (grams):		
Number of Units Per Spe	ec:	
Spec Weight SPW (grams):		
Sample weight SW (gra	ms):	
Servings Extracted SE		