

## **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 type: □ Finished	Product   Ingredient: Usage Rate	
A acetate Factor = 0 .3 A palmitate Factor = 0.  Notebook No.	.550 μg/IU UPLC result μg/ml	Std Inj Vol (IVstd) Sample Inj Vol (IVsa)  Correction Factor for Inj Vol (IVstd/ IVsa)  Vitamin A UPLC Result (IU/serving * CF Inj Vol)IU/serving  A acetate = UPLC (µg/ml) /0.344x100/SE  A Palmitate = UPLC (µg/ml) /0.55x100/SE
E <b>DL-α</b> Factor = 1000 μ E <b>D-α</b> Factor = 735 μg/ Notebook No	E IU/serving  ug/IU UPLC result μg/ml  IU UPLC result μg/ml Working Sds Pg. No	Std Inj Vol (IVstd) Sample Inj-Vol (IVsa)  Correction Factor for Inj Vol (IVstd/ IVsa)  Vitamin E UPLC Result (IU/serving * CF Inj Vol) IU/serving  E DL-a = UPLC (µg/ml) /1000x100/SE E D-a = UPLC (µg/ml) /735x100/SE
UPLC result IU/ml =	DIU/servingWorking Sds Pg_No	Std Inj Vol (IVstd) Sample Inj Vol (IVsa)  Correction Factor for Inj Vol (IVstd/ IVsa)  Vitamin D UPLC Result (IU/serving * CF Inj Vol) IU/serving  UPLC (IU/ml) x100/SE
Expected Levels of Vit By Titration	Cmg/serving	Vitamin C Resultmg/serving
Sample Prep for Ass	say 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 <b>SPW</b> (gra	ms):	Spec Weight <b>SPW</b> (grams):
Sample weight <b>SW</b> (gra	ams):	Sample weight <b>SW</b> (grams):
Servings Extracted SE Number of servings for	extraction SW/SPW :	Servings Extracted SE:  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 <b>SW</b> (gra	ms):	
Servings Extracted SE		