

## **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	I Product □ Ingredient : Usage Rate	
A acetate Factor = 0 .3 A palmitate Factor = 0 Notebook No.	0.550 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-</b> α Factor = 1000 E <b>D-</b> α Factor = 735 μg. Notebook 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/serving	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
<b>Expected</b> Levels of Vit	C mg/serving	Vitamin C Resultmg/serving
Sample Prep for As	say for Fat Soluble	Sample Prep for Assay for Vitamin C
Piece Weight (grams):	_	Piece Weight (grams):
Number of Units Per Sp		Number of Units Per Spec:
Spec Weight <b>SPW</b> (gra		Spec Weight <b>SPW</b> (grams):
Sample weight <b>SW</b> (gra	ams):	Sample weight <b>SW</b> (grams):
Servings Extracted SI Number of servings for	E: extraction SW/SPW :	Servings Extracted SE:  Number of servings for extraction SW/SPW :



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Sample WIP No	Sample SCN Lot N	No
Sample Name:		
Sample type: □ Finished	Product   Ingredient: Usage Ra	ate
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	
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)
Sample Prep for Ass	say	
Piece Weight (grams):		
Number of Units Per Sp	ec:	
Spec Weight SPW (grams):		
Sample weight <b>SW</b> (grams):		
Servings Extracted SE		