

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 DL- α Factor = 1000 E D- 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
Expected 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 SPW (gra		Spec Weight SPW (grams):
Sample weight SW (gra	ams):	Sample weight SW (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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Date:	Chemist	Reviewed. By
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)
		ī — /
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		7
_		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	pec:	/
Spec Weight SPW (gra	ams):	
Sample weight SW (gr	ams):	
Servings Extracted SE		, and the second