

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	
A acetate Factor = 0 .3. A palmitate Factor = 0. Notebook No.	A IU/serving 44 μg/IU. UPLC result μg/ml .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 μ E D-α Factor = 735 μg/ Notebook No.	E IU/serving μg/IU UPLC result μg/ml /IU UPLC result μg/mlWorking 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	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 SPW (gra	ms):	Spec Weight SPW (grams):
Sample weight SW (gra	ams):	Sample weight SW (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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Date:	Chemist	Reviewed. By
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		