

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	Correction Factor for Inj Vol (IVstd/ IVsa)
A palmitate Factor = 0.550 μg/IU UPLC result μg/ml Notebook No	Vitamin A UPLC Result (IU/serving * CF Inj Vol)
	IU/serving
Stock Std pg NoWorking Sds Pg. No	A acetate = UPLC (μg/ml) /0.344x100/SE
Otock ota pg 140	A Palmitate = UPLC (μg/ml) /0.55x100/SE
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	Correction Factor for Inj Vol (IVstd/ IVsa)
E D-α Factor = 735 μg/IU UPLC result μg/ml Notebook No	Vitamin E UPLC Result (IU/serving * CF Inj Vol)
Stock Std pg NoWorking Sds Pg. No	IU/serving
	E DL-α = UPLC (μg/ml) /1000x100/SE
	E D-α = UPLC (μg/ml) /735x100/SE
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	Vitamin D UPLC Result (IU/serving * CF Inj Vol)
Stock Std pg NoWorking Sds Pg_No	IU/serving
	UPLC (IU/ml) x100/SE
Expected Levels of Vit C mg/serving	Vitamin C Resultmg/serving
By Titration	
Comple Bron for Access for Est Colubia	Samula Bran for Accountar Vitamin C
Sample Prep for Assay for Fat Soluble	Sample Prep for Assay for Vitamin C
Piece Weight (grams):	Piece Weight (grams):
Number of Units Per Spec:	Number of Units Per Spec:
Spec Weight SPW (grams):	Spec Weight SPW (grams):
Sample weight SW (grams):	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 (gran	ms):	
Sample weight SW (gra	ms):	
Servings Extracted SE		