

TEST INJECTIONS REPORT

ACQUISITION INFORMATION

System Name: Column Manager
Project Name: SQT_ACQUITY_TUV_12
Sample Set Method: 01a Test Injections
Processing Method Test Injections PM
Report Method Name: Test Injection Report
User Name: Tester Account (Tester)
Sample Set Name: Test Injections

Acquired By: Tester
Column serial Number: 03833034215140
Sample Kit 1 Expiration date: 10/6/2022 12:00:00 AM
Sample Kit 1 Lot Number: W06102013
Build Version: Empower 2 Software Build 2154 SPs
Sample Set Id: 14291 Result Set Id 14300
Sample Set Start Date: 4/12/2021 3:30:38 PM

Test Injections are performed after preparing the chromatographic system to equilibrate the system and column. The SD of the Retention Time, %RSD of Area and Height demonstrates the readiness of the system to be qualified.

The SD for the Caffeine peak RT should be ≤ 1.5 seconds, the %RSD for Area should be $\leq 0.75\%$ and the %RSD for Height should be $\leq 2.4\%$.

Caffeine Results Table

	Area %RSD Specification	Area % RSD	Area %RSD Pass Fail	Height %RSD Specification	Height %RSD	Height %RSD Pass Fail
1	%RSD ≤ 0.75	0.06	PASS	%RSD ≤ 2.4	0.1	PASS

Caffeine Retention Time (sec) Results Table

	Retention time (sec) Standard Deviation Specification	Retention time (sec) Standard Deviation	Retention time (sec) Standard Deviation Pass Fail
1	SD RT ≤ 1.5 sec	0.1	PASS

Certification

Comments

No comments

NA

12 Apr 2021

The undersigned performer attests that the values recorded above are accurate and complete.

Performer

Signature

Date

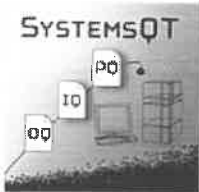
12 Apr 2021

The undersigned reviewer accepts that the values recorded above are accurate and complete.

Reviewer

Signature

Date



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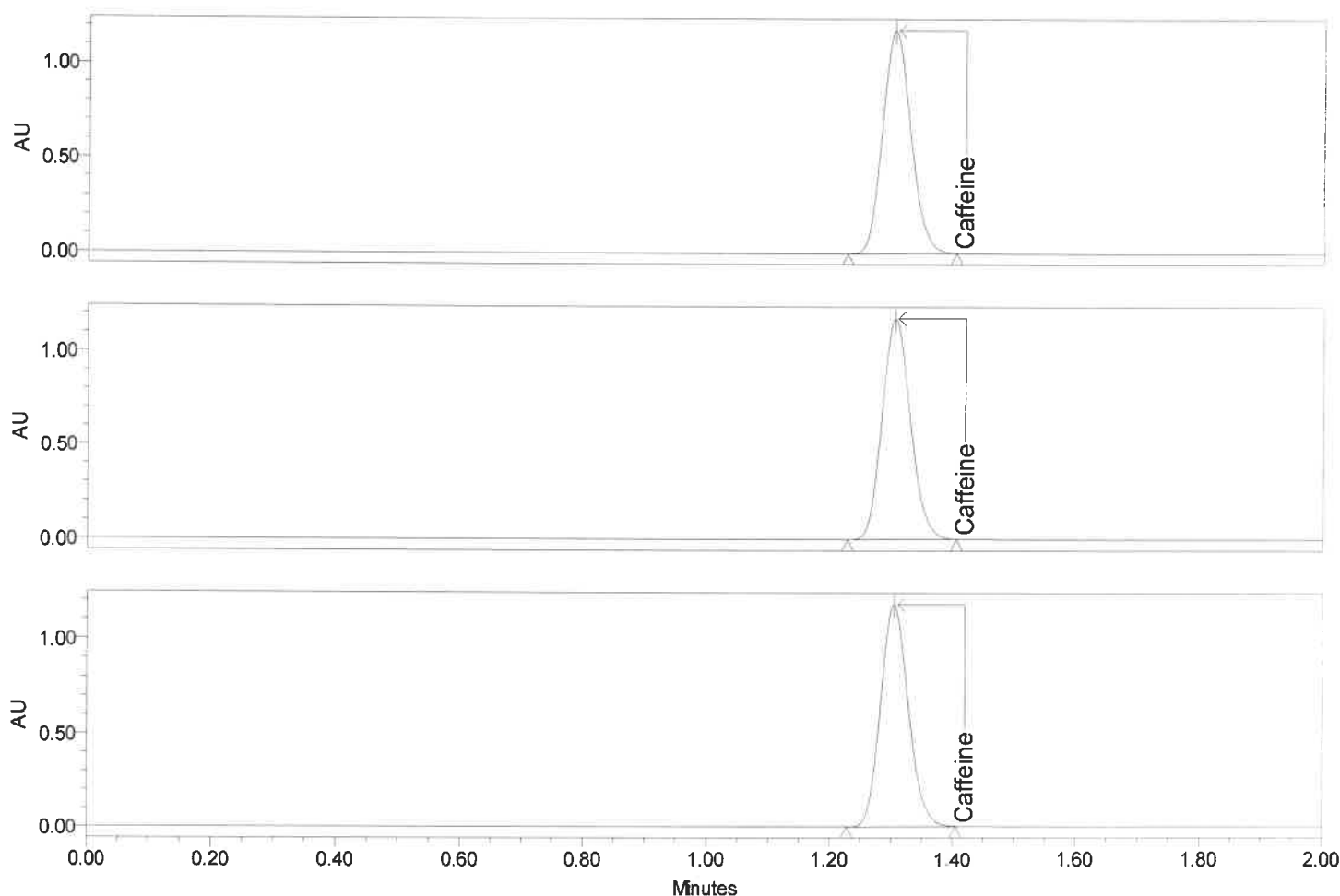
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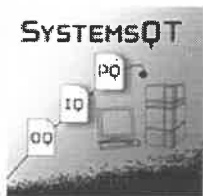
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Test Injections Chromatograms

Caffeine Solution





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Chromatographic Peak Results

	Injection	Name	Retention Time (min)	Retention time (sec)	Area ($\mu\text{V}\cdot\text{sec}$)	Height (μV)	Points Across Peak	Result Id
1	1	Caffeine	1.303	78.17	3753961.257	1181837.51	106	14333
2	2	Caffeine	1.305	78.28	3749481.604	1178982.26	106	14334
3	3	Caffeine	1.305	78.28	3753212.235	1181247.96	106	14335
Mean				78.24	3752218.365	1180689.24		
Std. Dev.				0.06	2399.511	1507.39		
% RSD					0.064	0.13		