

COMPOSITIONAL ACCURACY REPORT

ACQUISITION INFORMATION

System Name: Alliance_1	Acquired By: AllianceSQT
Processing Method: Compositional Accuracy PM	Project Name: WPPL
Result Set Id: 3651	Sample Kit 1 Lot Number: W04040902
Sample Set Id: 3191	Sample Kit 1 Exp. Date: 7/3/2021 12:00:00 AM SGT
Sample Set Name: Compositional AccuracySSM	Column Serial Number: 01893724834095
Sample Set Start Date: 2/12/2019 5:12:01 PM SGT	

TEST DESCRIPTION

The compositional accuracy test determines that the solvent management system can deliver a solvent mixture within acceptable criteria. The same sample is injected and eluted using different combinations of solvent reservoirs. If the proportioning valves are working properly, there should be very little variation in the caffeine retention time.

The compositional accuracy test passes if the %RSD of the caffeine retention time is $\leq 3.0\%$.

Compositional Accuracy Results

	Compositional Accuracy Specification	Compositional Accuracy Retention Time % RSD	Compositional Accuracy Pass/Fail
1	RT %RSD ≤ 3.0	13.55	FAIL

Certification

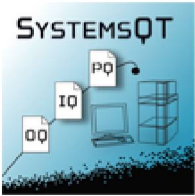
Comments

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

Performer _____ Date _____
Signature

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

Reviewer _____ Date _____
Signature



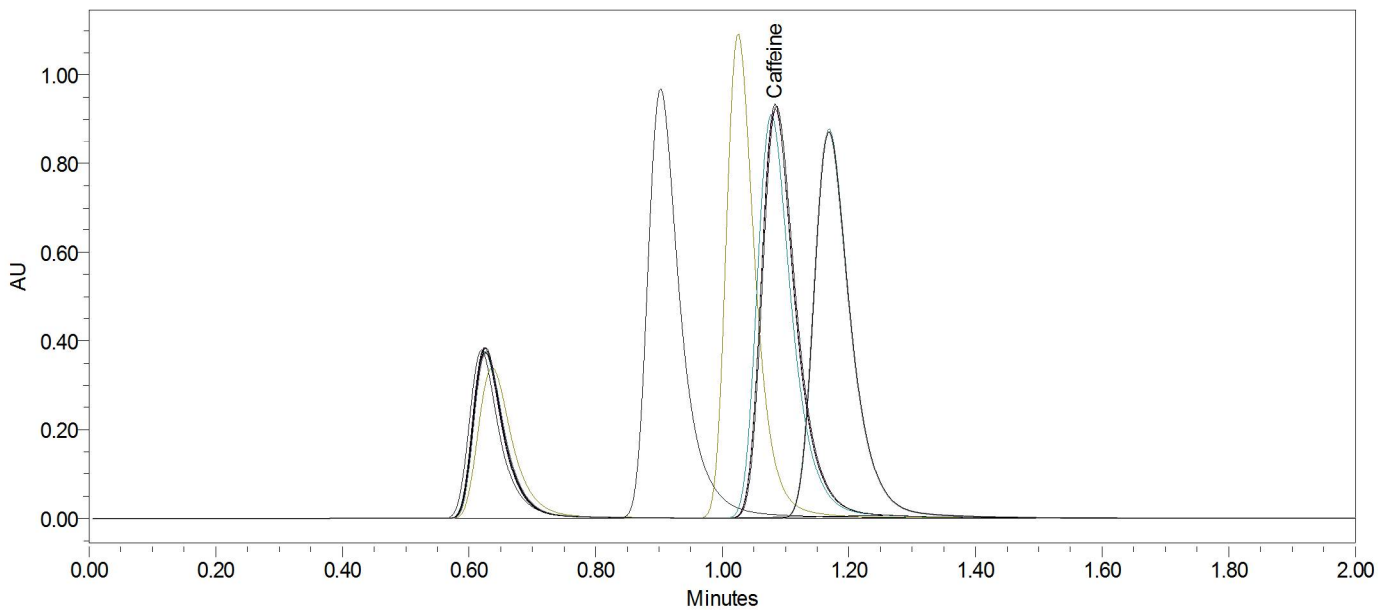
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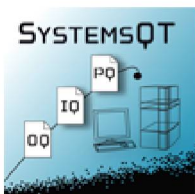
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Project Name: WPPL

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Chromatogram Overlay



- Sample Name: 70 / 30 AC; Injection: 1
- Sample Name: 70 / 30 AC; Injection: 2
- Sample Name: 70 / 30 AC; Injection: 3
- Sample Name: 70 / 30 AD; Injection: 1
- Sample Name: 70 / 30 AD; Injection: 2
- Sample Name: 70 / 30 AD; Injection: 3
- Sample Name: 70 / 30 BC; Injection: 1
- Sample Name: 70 / 30 BC; Injection: 2
- Sample Name: 70 / 30 BC; Injection: 3
- Sample Name: 70 / 30 BD; Injection: 1
- Sample Name: 70 / 30 BD; Injection: 2
- Sample Name: 70 / 30 BD; Injection: 3



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Chromatographic Peak Results

	SampleName	Injection	Retention Time (min)	Area	Height (µV)	Peak Type	Result Id
1	70 / 30 AC	1	1.084	3554827	932422	Found	3654
2	70 / 30 AC	2	1.086	3560818	928355	Found	3655
3	70 / 30 AC	3	1.084	3563265	922461	Found	3656
4	70 / 30 AD	1	1.169	3575379	870585	Found	3657
5	70 / 30 AD	2	1.168	3567172	872087	Found	3658
6	70 / 30 AD	3	1.169	3570606	877518	Found	3659
7	70 / 30 BC	1	1.078	3554568	909343	Found	3660
8	70 / 30 BC	2	1.025	3544696	1090718	Found	3661
9	70 / 30 BC	3	0.903	3505563	965860	Found	3662
10	70 / 30 BD	1	0.881	214	57	Found	3663
11	70 / 30 BD	2	1.362	540	45	Found	3664
12	70 / 30 BD	3	1.379	1033	71	Found	3665

Compositional Accuracy Summary Results

	Retention Time % RSD
1	13.55