

NOISE AND DRIFT REPORT

ACQUISITION INFORMATION

System Name: IClass_BSM_FTN_FLR

Project Path: SQT_E_BSM_FTN_FLR

Processing Method: Noise and Drift PM

Sample Kit 1 Expiration Date: 28.02.2020 00:00:00 SGT

Sample Kit 1 Lot Number: 700002753

Acquired By: hzluo

Report Method: Noise and Drift RM

Column Serial Number: 03323902435101

Sample Set Name: Noise and Drift SSM

Sample Set Id: 3590

Result Set Id: 3610

In the Noise and Drift test, mobile phase (30% water: 70% acetonitrile) is pumped at 0.6 mL/min. An "Inject immediate" 15 minutes chromatogram is collected at two (2) points per second, using the emission wavelength setting of 246nm and the excitation wavelength setting of 402nm with a 0.5 second time constant.

Average peak to peak noise and detector drift is calculated from 30 second noise intervals taken from the recorded 3 to 15 minutes time period. Noise and Drift Testing passes only when Noise is ≤ 5 EU, and Drift is ≤ 10 EU/Hr.

Results are rounded to the same precision as displayed by the acceptance criterion prior to comparing against the specification.

Noise Results

	Noise Specification (EU)	Average Peak-to-Peak Noise (EU)	Noise Pass/Fail
1	≤ 5	0	PASS

Drift Results

	Drift Specification (EU/Hr)	Detector Drift (EU/Hr)	Drift Pass/Fail
1	≤ 10	0	PASS

Certification

Comments

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

Performer

Signature

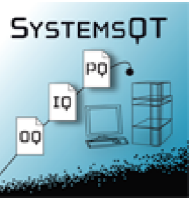
Date _____

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

Reviewer

Signature

Date _____



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Sample Set Id: 3590
Result Set Id: 3610

Average Peak to Peak Noise (EU) : 0.013

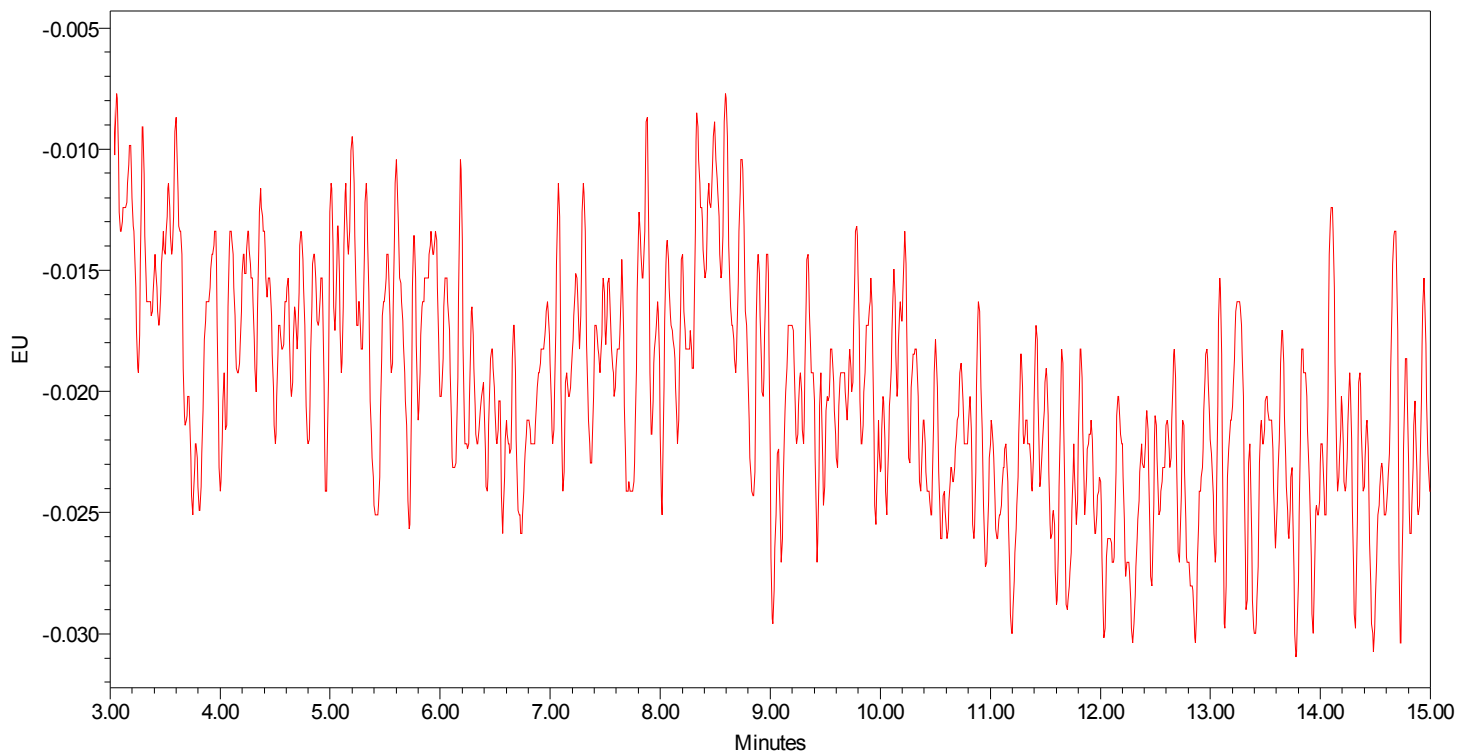
Sampling Rate: 2.00 per sec

Detector Drift (EU/Hr) : 0.046

Processing Method: Noise and Drift PM

ACQUITY FLR ChA Ex246,Em402 nm

Noise and Drift Chromatogram



Noise and Drift Results

	Injection	Sample Name	Average Peak to Peak Noise (EU)	Detector Drift (EU/Hr)	Result Id
1	1	Noise and Drift	0	0	3612