

EMISSION WAVELENGTH ACCURACY REPORT

ACQUISITION INFORMATION

System Name: IClass_BSM_FTN_FLR

Project Path: SQT_E_BSM_FTN_FLR

Processing Method: Em Wavelength Acc PM

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

Sample Kit 1 Lot Number: 700002753

Acquired By: hzluo

Report Method: Emission Wavelength Acc RM

Column Serial Number: 03323902435101

Sample Set Name: Em Wavelength Acc SSM

Sample Set Id: 3154

Result Set Id: 3687

The Emission Wavelength Accuracy test uses the Raleigh scattering process of the excitation wavelength to verify accuracy of the detector.

Excitation wavelength is set to 365 nm and the emission wavelength is changed in 1 nm increments from 723 nm to 737 nm to measure the second order Raleigh scattering band.

The Emission Wavelength Accuracy test passes only when all 15 expected peaks are identified, and the wavelength associated with the highest peak is 730 nm + or - 6 nm.

Emission Wavelength Accuracy Results

	Emission Wavelength Specification	Emission Wavelength Lambda max (nm)	Emission Wavelength Pass Fail
1	730 + or - 6nm	731	PASS

Certification

Comments

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

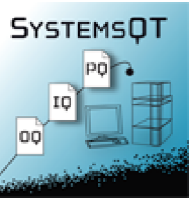
Performer

Signature Date

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

Reviewer

Signature Date



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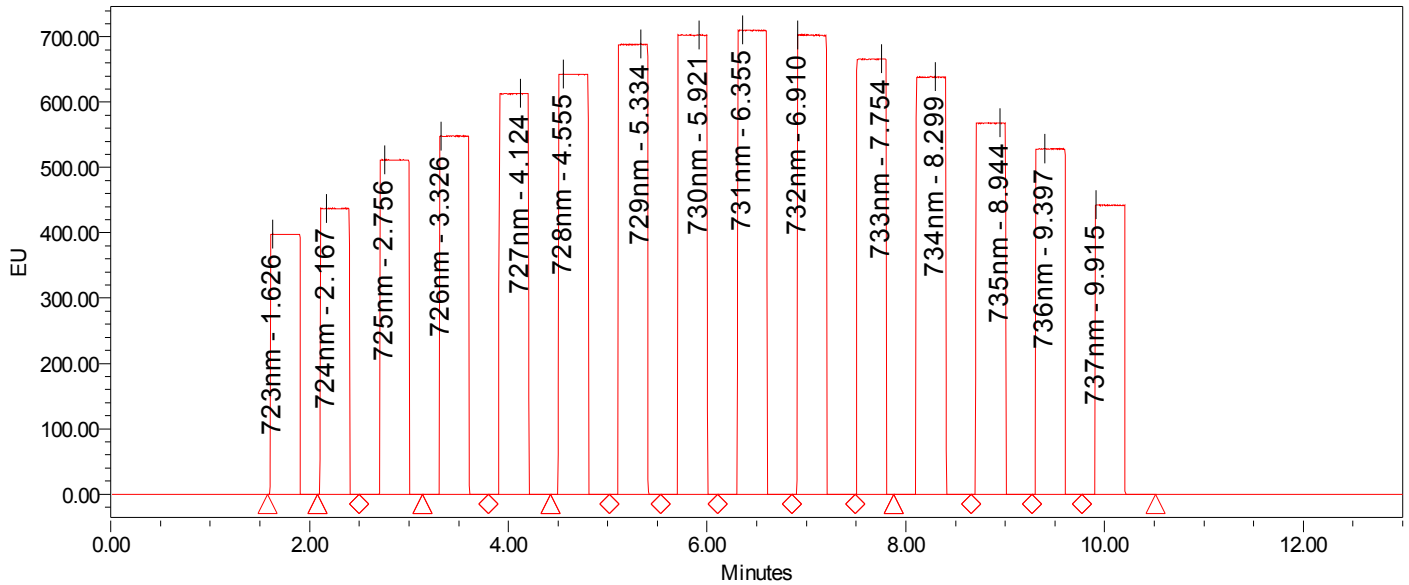
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Emission Wavelength Scan



Emission Wavelength Scan Results

	Sample Name	Peak Name	Height	Result Id
1	Emission	731nm	7104897	3704
2	Emission	732nm	7057762	3704
3	Emission	730nm	7032383	3704
4	Emission	729nm	6890369	3704
5	Emission	733nm	6665441	3704
6	Emission	728nm	6433438	3704
7	Emission	734nm	6390099	3704
8	Emission	727nm	6134235	3704
9	Emission	735nm	5683337	3704
10	Emission	726nm	5482318	3704
11	Emission	736nm	5288325	3704
12	Emission	725nm	5118445	3704
13	Emission	737nm	4428342	3704
14	Emission	724nm	4375634	3704
15	Emission	723nm	3980488	3704