

EXCITATION WAVELENGTH ACCURACY REPORT

ACQUISITION INFORMATION

System Name: IClass_BSM_FTN_FLR

Project Path: SQT_E_BSM_FTN_FLR

Processing Method: Ex 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: Excitation Wavelength Acc RM

Column Serial Number: 03323902435101

Sample Set Name: Ex Wavelength Acc SSM

Sample Set Id: 3187

Result Set Id: 3669

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

Emission wavelength is set to 730 nm and the excitation wavelength is changed in 1nm increments from 358 nm to 372 nm to measure the second order Raleigh scattering band.

The Excitation Wavelength Accuracy test passes only when all 15 expected peaks are identified, and the wavelength associated with the highest peak is 365 nm + or - 6 nm.

Excitation Wavelength Accuracy Results

	Excitation Wavelength Specification	Excitation Wavelength Lambda max (nm)	Excitation Wavelength Pass/Fail
1	365 + or - 6nm	365	PASS

Certification

Comments

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

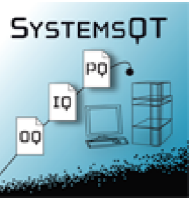
Performer

Signature Date

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

Reviewer

Signature Date



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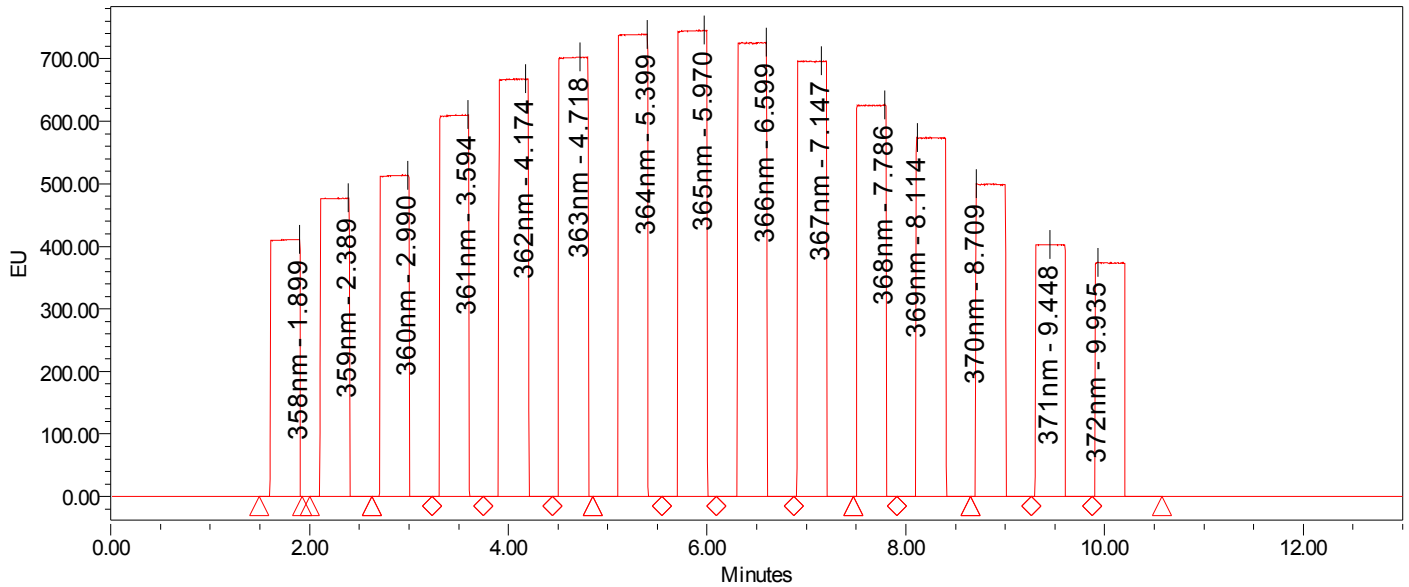
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Excitation Wavelength Scan



Excitation Wavelength Scan Results

	Sample Name	Peak Name	Height	Result Id
1	Excitation	365nm	7455441	3686
2	Excitation	364nm	7398098	3686
3	Excitation	366nm	7269110	3686
4	Excitation	363nm	7027678	3686
5	Excitation	367nm	6964963	3686
6	Excitation	362nm	6677888	3686
7	Excitation	368nm	6265529	3686
8	Excitation	361nm	6103228	3686
9	Excitation	369nm	5745611	3686
10	Excitation	360nm	5138512	3686
11	Excitation	370nm	5025379	3686
12	Excitation	359nm	4773757	3686
13	Excitation	358nm	4130814	3686
14	Excitation	371nm	4030440	3686
15	Excitation	372nm	3744910	3686