

Sequence and Chromatogram Overview

Sequence Details

Name:	SST-HypersilGold column	Criteria	Created On:	12/Nov/2021 09:54
Instrument:	EMS1_001	RT %CV	Updated On:	29/Aug/22 13:15:59
Imported Data:	False	Peak Area %CV		
First Injection:	Blank	Peak Height Range		
Processing Method:		Peak Height %CV		
MS Acquisition Time [min]	70.01	Max Peak Width 10% Height		
Method Length [min]:	115.00	Peak Width 10% Height %CV		
Total Time [hrs]	33.40	Mass Accuracy range		
Data Vault:	ChromeleonLocal		Created By:	Thermo
No. of Injections:	18		Updated By:	Silvia

Injection Details

Injection Name	Area	Type	Volume	InstrumentMethod	Processing Method	Status	Inject Time
	n.a.		μ L				
NIST	1.13e+08	Check Standard 4.00		NISTmAb_115min_MSOnly_120	NIST_Reference_Peptic	Finished	12/Nov/21 11:51:03
NIST	1.08e+08	Check Standard 4.00		NISTmAb_115min_MSOnly_120	NIST_Reference_Peptic	Finished	12/Nov/21 13:49:34
NIST	9.44e+07	Check Standard 4.00		NISTmAb_115min_MSOnly_120	NIST_Reference_Peptic	Finished	13/Nov/21 15:06:40

Does this Sequence Pass System Suitability?

RETENTION TIME

Peak Name	Pass or Fail?	Ret Time	%RSD		
First Injection	First Injection	min	NIST	NIST	NIST
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation
EEQYN[A2G1F]STYR	Pass	9.37	9.37	9.37	0.00%
EEQYN[A2G0F]STYR	Pass	9.41	9.41	9.41	0.03%
HYNPSLK	Pass	9.67	9.68	9.68	0.05%
ALPAPIEK	Pass	15.33	15.33	15.30	0.10%
LLIYDTSK	Pass	21.28	21.27	21.24	0.09%
NGVSLTC[Carboxymethylation]LVK	Pass	31.43	31.41	31.38	0.07%
TTTTPVLSDSGSFFLYSK	Pass	44.21	44.18	44.12	0.09%
VVSVLTVLHQDWLNGK	Pass	51.90	51.91	51.84	0.08%
ALEWLADIWDDKK	Pass	57.37	57.35	57.29	0.07%

PEAK AREA

Peak Name	Pass or Fail?	Area	%RSD		
First Injection	First Injection	counts*min	NIST	NIST	NIST
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation
EEQYN[A2G1F]STYR	Pass	8.19e+06	7.84e+06	6.62e+06	10.91%
EEQYN[A2G0F]STYR	Pass	8.00e+06	8.00e+06	6.55e+06	11.15%
HYNPSLK	Pass	6.97e+07	6.75e+07	5.91e+07	8.58%
ALPAPIEK	Pass	1.13e+08	1.08e+08	9.44e+07	9.28%
LLIYDTSK	Pass	1.36e+08	1.30e+08	1.14e+08	9.03%
NGVSLTC[Carboxymethylation]LVK	Pass	1.39e+08	1.33e+08	1.13e+08	10.60%
TTTTPVLSDSGSFFLYSK	Pass	1.70e+08	1.61e+08	1.39e+08	10.17%
VVSVLTVLHQDWLNGK	Pass	4.16e+08	3.90e+08	3.44e+08	9.42%
ALEWLADIWDDKK	Pass	2.59e+08	2.43e+08	2.15e+08	9.44%

PEAK HEIGHT

Peak Name	Pass or Fail?	Height	Min Peak Height			Max Peak Height	
First Injection	First Injection	counts	NIST	NIST	NIST	First Injection	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation
EEQYN[A2G1F]STYR	Pass	2.03e+08	1.80e+08	1.57e+08	1.57e+08	2.03e+08	2.03e+08
EEQYN[A2G0F]STYR	Pass	2.26e+08	2.23e+08	1.80e+08	1.80e+08	2.26e+08	2.26e+08
HYNPSLK	Pass	1.35e+09	1.30e+09	1.16e+09	1.16e+09	1.35e+09	1.35e+09
ALPAPIEK	Pass	6.39e+08	6.10e+08	5.50e+08	5.50e+08	6.39e+08	6.39e+08
LLIYDTSK	Pass	1.05e+09	9.91e+08	8.84e+08	8.84e+08	1.05e+09	1.05e+09
NGVSLTC[Carboxymethylation]LVK	Pass	1.07e+09	9.88e+08	8.44e+08	8.44e+08	1.07e+09	1.07e+09
TTTTPVLSDSGSFFLYSK	Pass	1.15e+09	1.07e+09	1.00e+09	1.00e+09	1.15e+09	1.15e+09
VVSVLTVLHQDWLNGK	Pass	2.46e+09	2.21e+09	2.11e+09	2.11e+09	2.46e+09	2.46e+09
ALEWLADIWDDKK	Pass	1.56e+09	1.50e+09	1.35e+09	1.35e+09	1.56e+09	1.56e+09

PEAK WIDTH AT 10% HEIGHT

Peak Name	Pass or Fail?	Peak Width (10%)	Max Peak Height			Peak Width (10%) %CV	
First Injection	First Injection	sec	NIST	NIST	NIST	First Injection	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation
EEQYN[A2G1F]STYR	Pass	4.19	4.38	4.38	4.38	2.52%	2.52%
EEQYN[A2G0F]STYR	Pass	3.69	3.71	3.74	3.74	0.69%	0.69%
HYNPSLK	Pass	5.44	5.40	5.28	5.44	1.56%	1.56%
ALPAPIEK	Pass	18.64	18.60	17.98	18.64	2.02%	2.02%
LLIYDTSK	Pass	13.77	14.07	13.77	14.07	1.22%	1.22%
NGVSLTC[Carboxymethylation]LVK	Pass	14.07	14.39	14.25	14.39	1.15%	1.15%
TTTTPVLSDSGSFFLYSK	Pass	15.76	15.58	14.88	15.76	3.03%	3.03%
VVSVLTVLHQDWLNGK	Pass	18.08	18.22	17.30	18.22	2.77%	2.77%
ALEWLADIWDDKK	Pass	17.64	17.04	16.38	17.64	3.71%	3.71%

COMPOSITE SCORING AND MASS ACCURACY

Peak Name	Pass or Fail?	Composite Score	Mass Accuracy			Min MA Conf1	
First Injection	First Injection	NIST	NIST	NIST	ppm	ppm	
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation	
(+2) EEQYN[A2G1F]STYR	Pass	Confirmed	Confirmed	Confirmed	-1.09	-1.00	-0.83
(+3) EEQYN[A2G1F]STYR	Pass	Confirmed	Confirmed	Confirmed	-1.39	-1.26	-1.19
(+3) EEQYN[A2G0F]STYR	Pass	Confirmed	Confirmed	Confirmed	-1.42	-1.29	-1.49
(+2) EEQYN[A2G0F]STYR	Pass	Confirmed	Confirmed	Confirmed	-1.11	-0.84	-0.84
(+1) HYNPSLK	Pass	Confirmed	Confirmed	Confirmed	-1.41	-1.27	-1.48
(+2) HYNPSLK	Pass	Confirmed	Confirmed	Confirmed	-0.71	-0.50	-0.50
(+2) ALPAPIEK	Pass	Confirmed	Confirmed	Confirmed	-0.66	-0.15	-0.51

(+1) ALPAPIEK	Pass	Confirmed	Confirmed	Confirmed	-1.51	-1.07	-1.44	-1.51
(+2) LLIYDTSK	Pass	Confirmed	Confirmed	Confirmed	-0.60	0.04	-0.34	-0.60
(+1) LLIYDTSK	Pass	Confirmed	Confirmed	Confirmed	-0.96	-0.38	-0.83	-0.96
(+1) NQVSLTC[Carboxymethylation]LVK	Pass	Confirmed	Confirmed	Confirmed	-1.11	-1.32	-1.01	-1.32
(+2) NQVSLTC[Carboxymethylation]LVK	Pass	Confirmed	Confirmed	Confirmed	-0.65	-1.28	-0.76	-1.28
(+2) TTPPVLDSDGSFFLYSK	Pass	Confirmed	Confirmed	Confirmed	-1.63	-1.70	-2.22	-2.22
(+3) TTPPVLDSDGSFFLYSK	Pass	Confirmed	Confirmed	Confirmed	-1.39	-1.20	-2.08	-2.08
(+3) VVSVLTVLHQDWLNGK	Pass	Confirmed	Confirmed	Confirmed	-0.72	-0.72	-1.13	-1.13
(+2) VVSVLTVLHQDWLNGK	Pass	Confirmed	Confirmed	Confirmed	-1.08	-1.15	-1.62	-1.62
(+2) ALEWLADIWDDKK	Pass	Confirmed	Confirmed	Confirmed	-1.48	-1.27	-1.34	-1.48
(+3) ALEWLADIWDDKK	Pass	Confirmed	Confirmed	Confirmed	-0.95	-1.05	-0.75	-1.05

