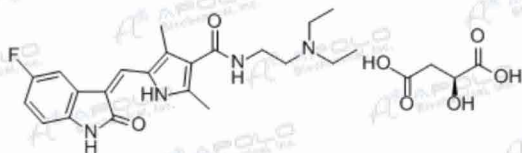


CERTIFICATE OF ANALYSIS

Product Name: Sunitinib malate

Chemical Structure:



Lot Number: AG1100910
CAT Number: APL-WCPS-0341031
CAS Registry Number: 341031-54-7
Manufacture Date: 08/2021
Expiry Date: 09/2023
Molecular Formula: C₂₆H₃₃FN₄O₇
Molecular Weight: 532.56
Storage: 2-8°C

Analysis Data

Item	Specification	Results
Appearance	Color: Yellow Form: Solid	Complies Complies
Solubility	Soluble in DMSO	Complies
Purity by HPLC	≥ 99.00 %	99.79 %
Identity by NMR	Conforms to structure	Complies
Identity by LCMS	Conforms to structure	Complies

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

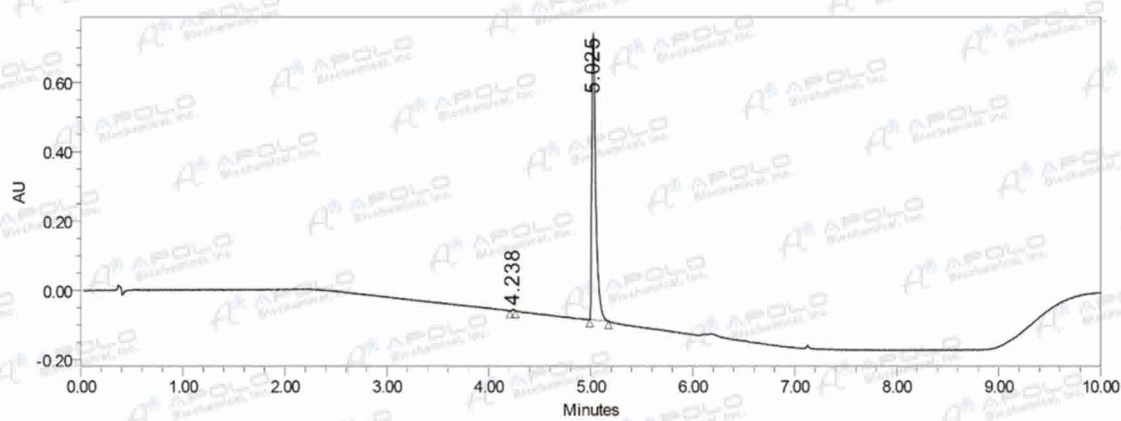
Jennifer LaBrecque

Jennifer LaBrecque 23/08/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

SAMPLE INFORMATION

Sample Name:	20200924-QC173746-303847	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	20170328
Vial:	1:E,3	Acq. Method Set:	20171120 TFA02
Injection #:	1	Processing Method:	20160511
Injection Volume:	0.20 ul	Channel Name:	214 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 214.0 nm
Date Acquired:		9/24/2020 7:07:30 PM CST	
Date Processed:		9/25/2020 9:05:29 AM CST	



Processed Channel Descr. PDA Spectrum PDA 214.0 nm (PDA Spectrum (210-400)nm)

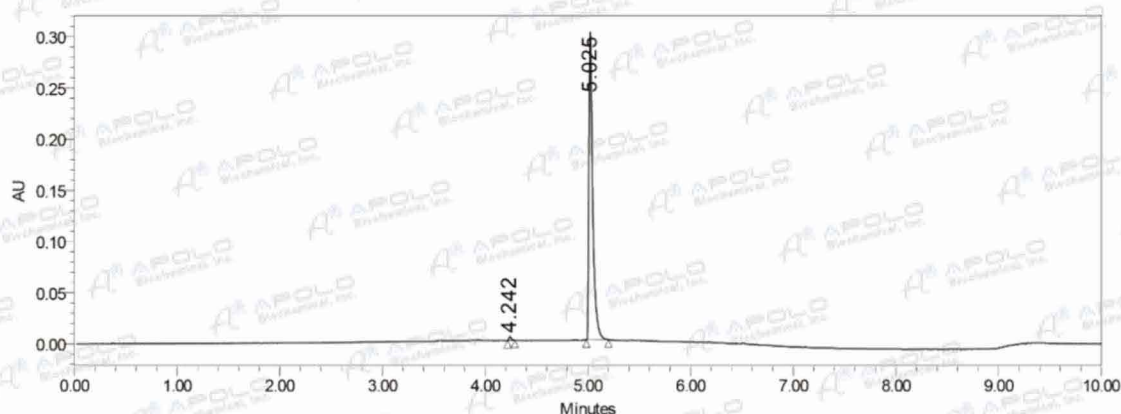
	RT	Area	% Area	Height
1	4.238	4670	0.21	3462
2	5.025	2183207	99.79	827132

Reported by User: System
Report Method: 20151020 1
Report Method ID 121273
Page: 1 of 2

Project Name: 2017-12-111
Date Printed: 9/25/2020
9:26:28 AM PRC

SAMPLE INFORMATION

Sample Name:	20200924-QC173746-303847	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	20170328
Vial:	1:E,3	Acq. Method Set:	20171120 TFA02
Injection #:	1	Processing Method:	20160511
Injection Volume:	0.20 ul	Channel Name:	254 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 254.0 nm
Date Acquired:	9/24/2020 7:07:30 PM CST		
Date Processed:	9/25/2020 9:05:38 AM CST		

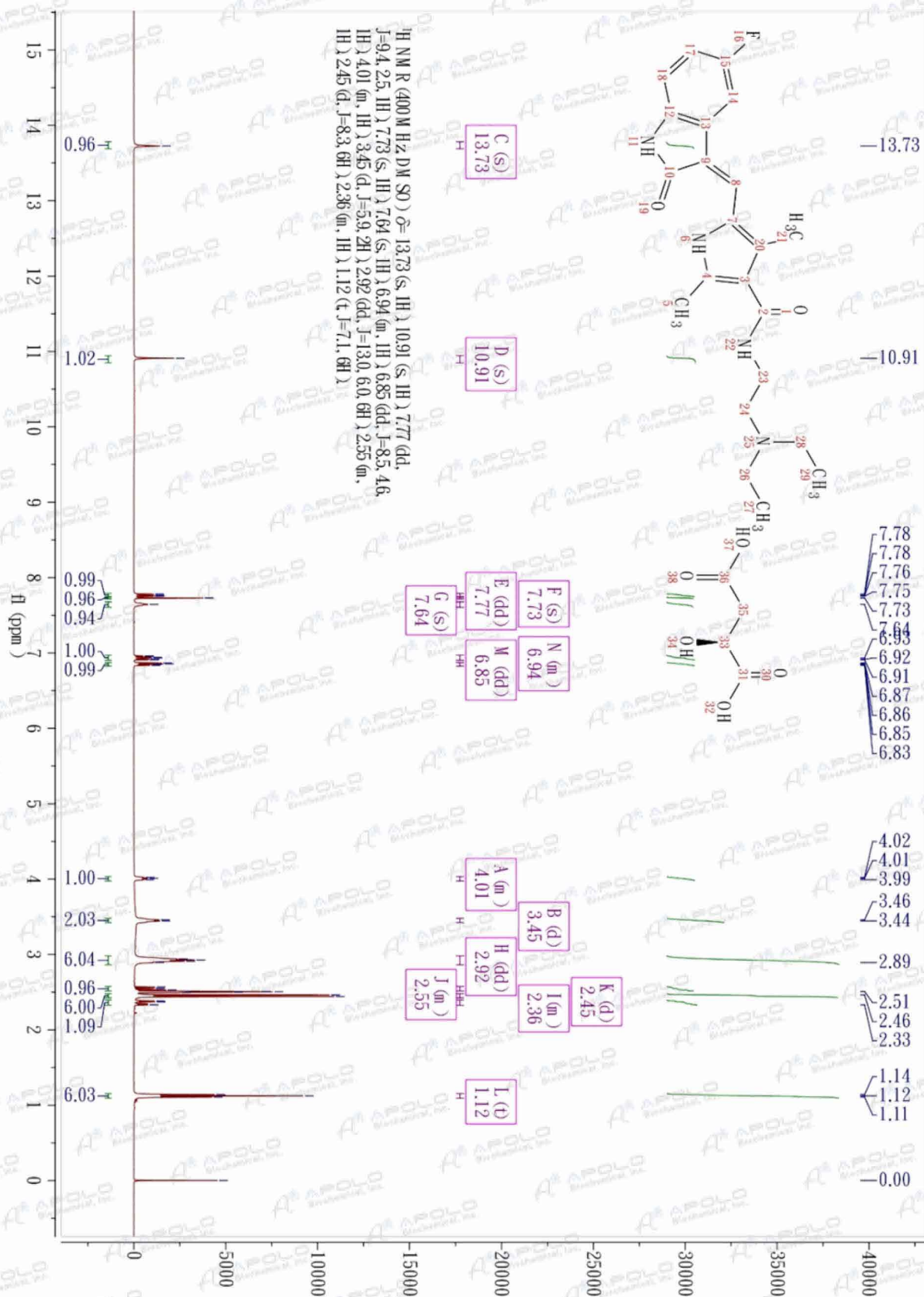


Processed Channel Descr. PDA Spectrum PDA 254.0 nm (PDA Spectrum (210-400)nm)

	RT	Area	% Area	Height
1	4.242	6094	0.78	3757
2	5.025	772945	99.22	300865

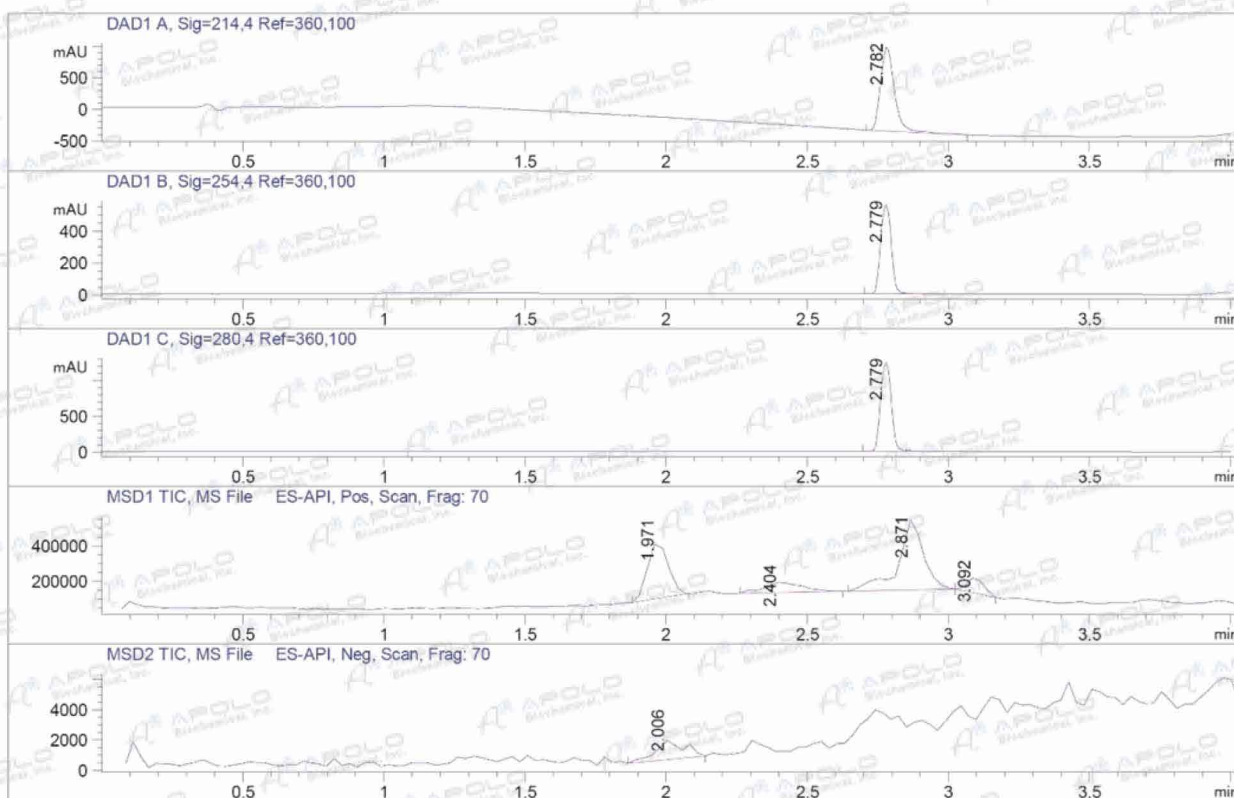
Reported by User: System
Report Method: 20151020 1
Report Method I: 121273
Page: 2 of 2

Project Name: 2017-12-111
Date Printed: 9/25/2020
9:26:28 AM PRC



MS Report from Instrument: LCMS

File ..\02 2020-09-24 08-30-02\OnlineEdited--178.D Tgt Mass (EZ):
Injection Date : 24 Sep 20 11:46 pm +0800 Seq. Line : 178
Sample Name : 20200924-QC173746-303846 Location : 70
Acq. Operator : SYSTEM Inj : 1
Spec. Reported : MS Integration Inj Volume : 1 ul
Acq. Method : D:\Chem32\1\Data\MAFANGYA\02 2020-09-24 08-30-02\20171123--FA02.M
Analysis Method : D:\Chem32\1\Data\MAFANGYA\02 2020-09-24 08-30-02\20171123--FA02.M
Sample Info :
Method Info :



Integration Results for DAD1 A, Sig=214,4 Ref=360,100

RetTim	Width	Area	Height	Area%	MS (+)	MS (-)
2.78	0.05	4551.32	1333.84	100.00	252	113

Integration Results for DAD1 B, Sig=254,4 Ref=360,100

RetTim	Width	Area	Height	Area%	MS (+)	MS (-)
2.78	0.04	1454.93	556.58	100.00	252	113

Integration Results for DAD1 C, Sig=280,4 Ref=360,100

RetTim	Width	Area	Height	Area%	MS (+)	MS (-)
2.78	0.04	3279.19	1240.89	100.00	252	113

Integration Results for MSD1 TIC, MS File

RetTim	Width	Area	Height	Area%	MS (+)	MS (-)

MS Report from Instrument: LCMS

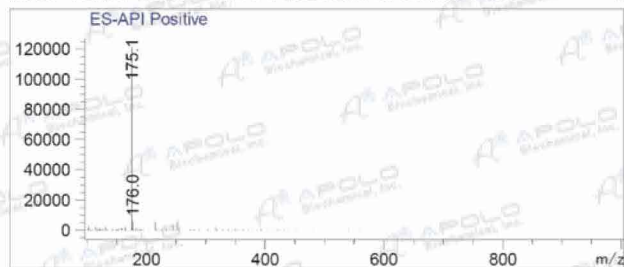
1.97	0.08	1604522.00	316347.13	32.33	175	-
2.40	0.13	521199.97	57184.29	10.50	175	-
2.87	0.14	2482343.00	397750.53	50.02	252	-
3.09	0.07	354161.22	84818.78	7.14	301	-

Integration Results for MSD2 TIC, MS File

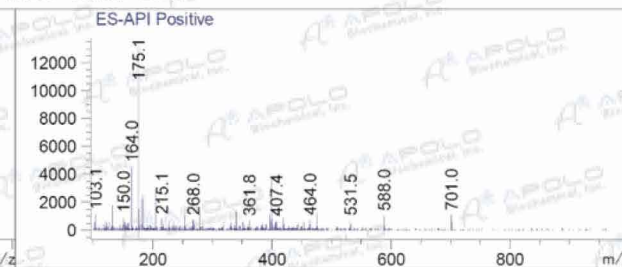
RetTim	Width	Area	Height	Area%	MS(+)	MS(-)
2.01	0.12	8848.41	1252.89	100.00	-	113

MS Report from Instrument: LCMS

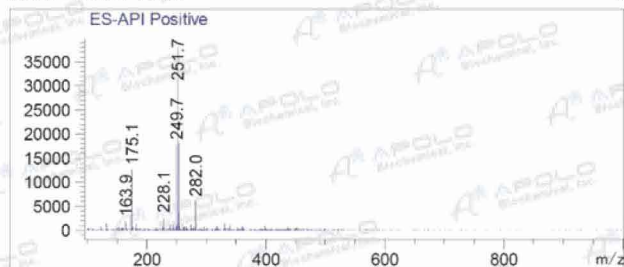
Ret. Time: 1.97 <<<< POSITIVE SPECTRA >>>>



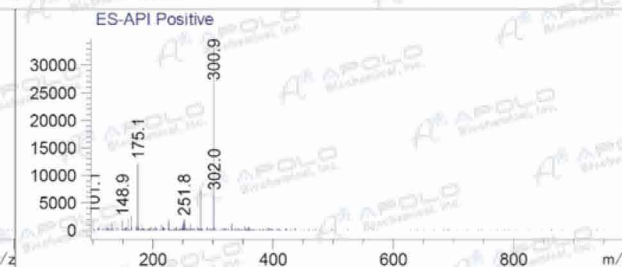
Ret. Time: 2.40



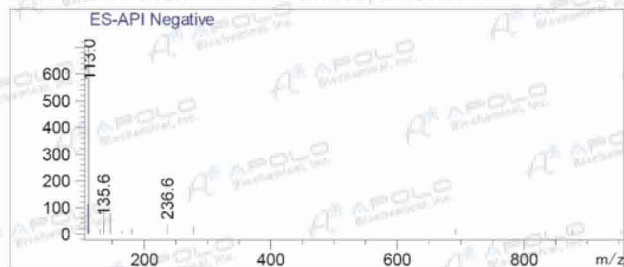
Ret. Time: 2.87



Ret. Time: 3.09



Ret. Time: 2.01 <<<< NEGATIVE SPECTRA >>>>



MS Report from Instrument: LCMS

*** End of Report ***

LCMS 9/25/2020 9:14:15 AM SYSTEM

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