Calculation Sheet

Product Name	: **RapaPRA Tablets**	**Receiving Date**	: **20.09.2019**
Batch No.	: 66004	**Analysis Date**	: **20.09.2019**
Stage	: finish	**Report Date**	: **20.09.2019**
Test	: Assay of Rapamycin		

Assay

Potency

Standard weight of Rapamycin : 10.1 g 98.9 %

Sample weight : 1148.2 g

	Std. Area of of Rapamycin	Std. RT of Rapamycin
	549243	3.161
	546193	3.154
	548797	3.145
Mean	548078	3.153
SD	1647.332794	0.00802
RSD%	0.301	0.254
Limit	**NMT 2.0%**	**NMT 1.0%**

Test 1	360144	3.157
Test 2	360670	3.152
Mean	360407	3.155

Calculation of Rapamycin

$$\frac{360407}{548078} \times \frac{10.1}{100} \times \frac{5}{50} \times \frac{100}{1148.2} \times \frac{50}{5} \times \underline{567.27} \times \frac{98.9}{100}$$

Calculation in mg	3.25	mg
Calculation in %	64.90	%

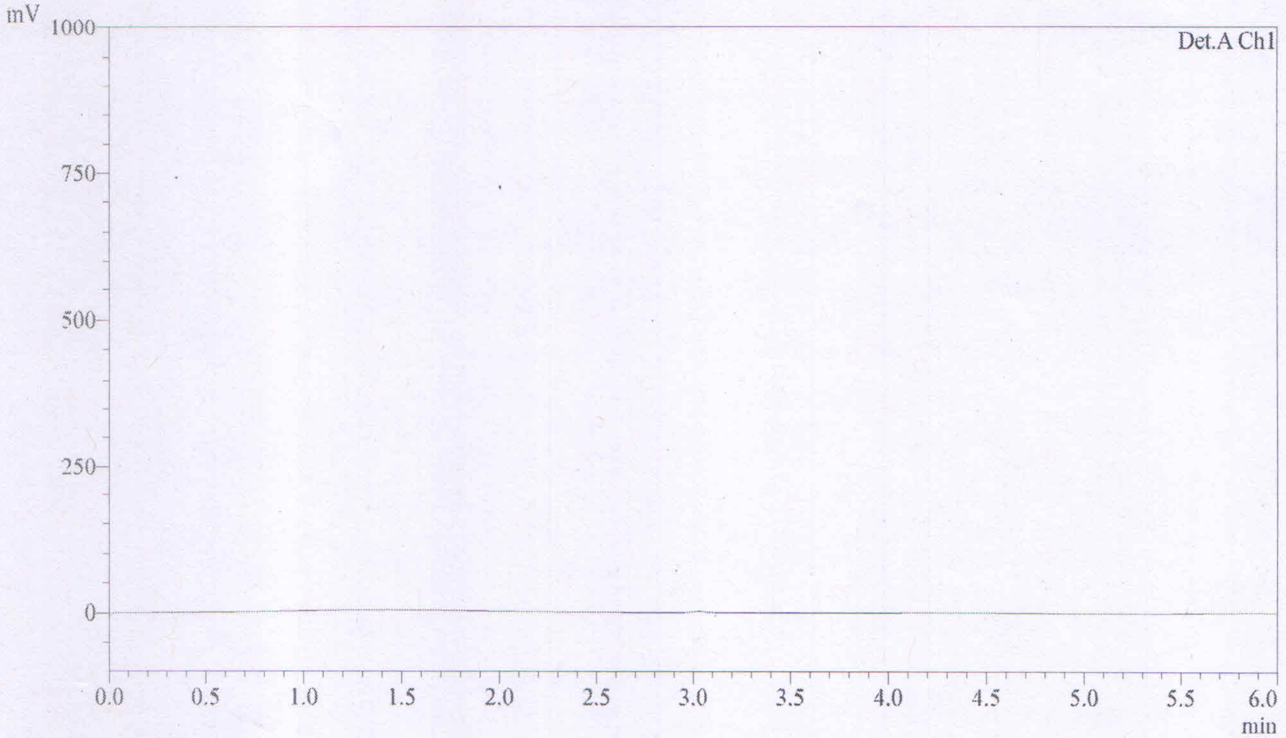
Analyzed By
Date

Checked By
Date

Sample Information

Acquired by	: Rinku
Sample Name	: Blank
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay Blank.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:16:14
Data Processed	: 20-09-2019 18:44:49

Chromatogram



1 Det.A Ch1 / 272nm

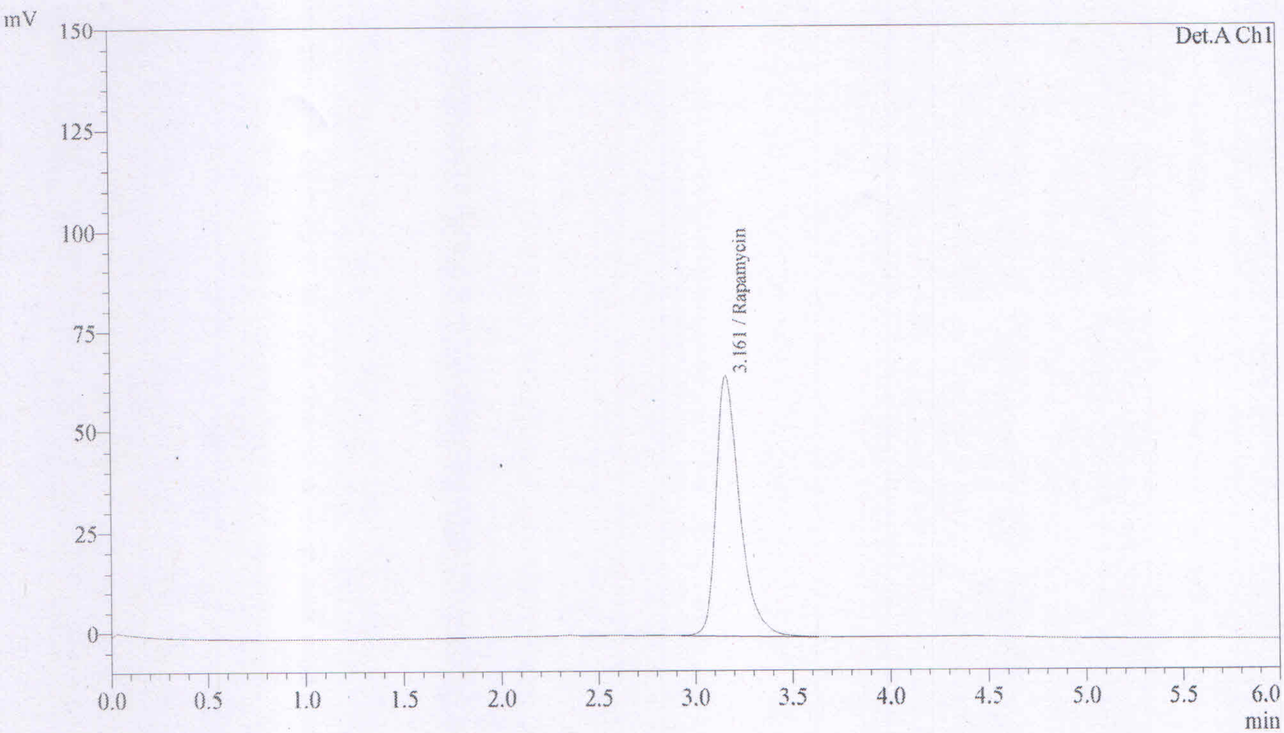
PeakTable

Detector A Ch1 272nm

Sample Information

Acquired by	: Rinku
Sample Name	: Standard Solution
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay Standard Solution_01.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:22:34
Data Processed	: 20-09-2019 18:43:25

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

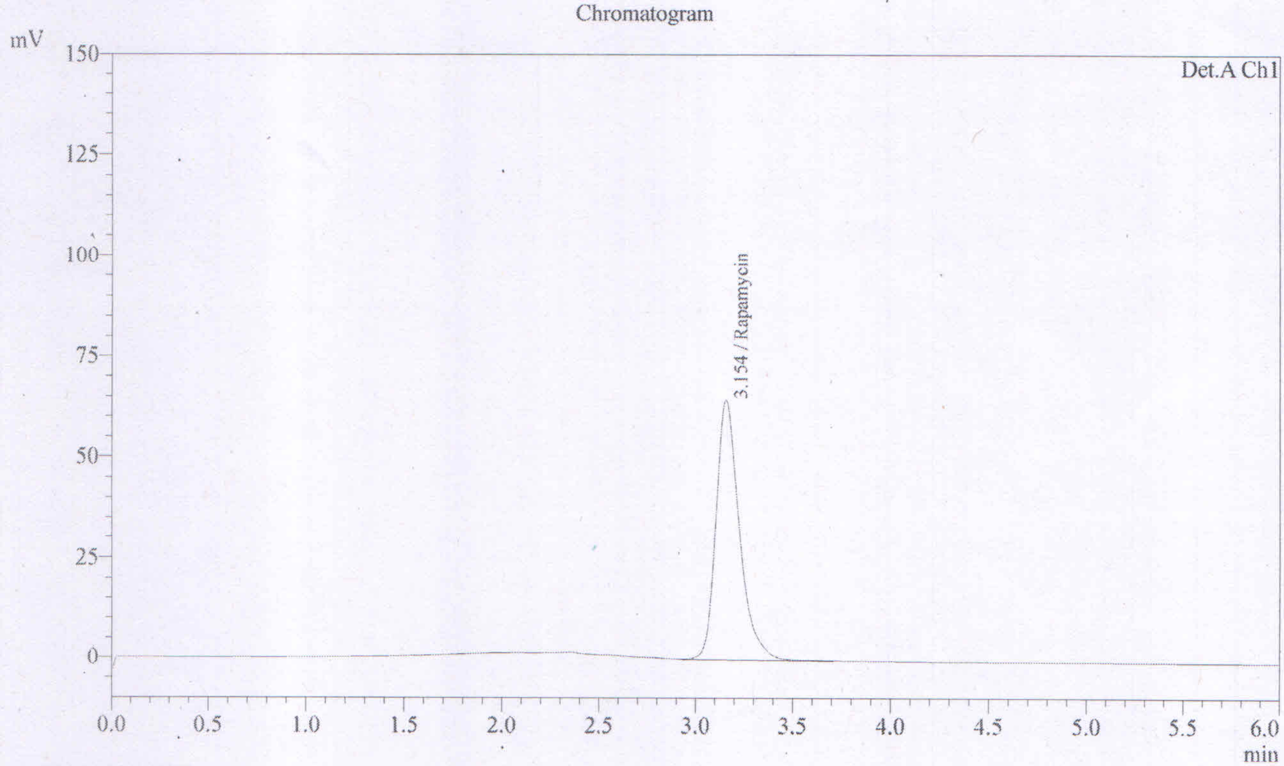
Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.161	549243	64846	100.000	100.000	3148.071
		549243		100.000		

Sample Information

Acquired by : Rinku
Sample Name : Standard Solution
Sample ID :
Vail# :
Injection Volume : 20 uL
Data Filename : Assay Standard Solution_02.lcd
Method Filename : RapaPRO Tablets Assay.lcm
Batch Filename : RapaPRO Tablets Assay.seq.lcb
Report Filename : Default.lcr
Date Acquired : 20-09-2019 18:29:41
Data Processed : 20-09-2019 18:43:48

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

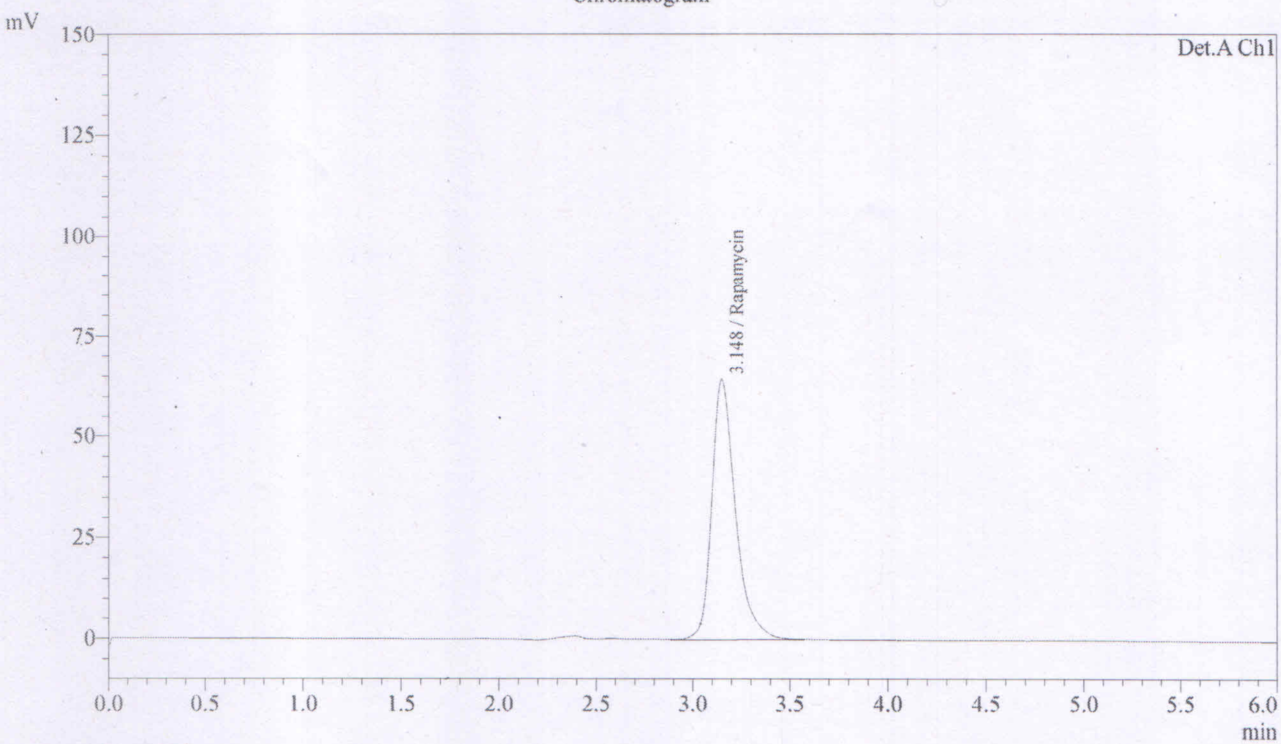
Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.154	546193	64762	100.000	100.000	3154.610
		546193		100.000		

Sample Information

Acquired by	: Rinku
Sample Name	: Standard Solution
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay Standard Solution_03.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:36:05
Data Processed	: 20-09-2019 18:44:19

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

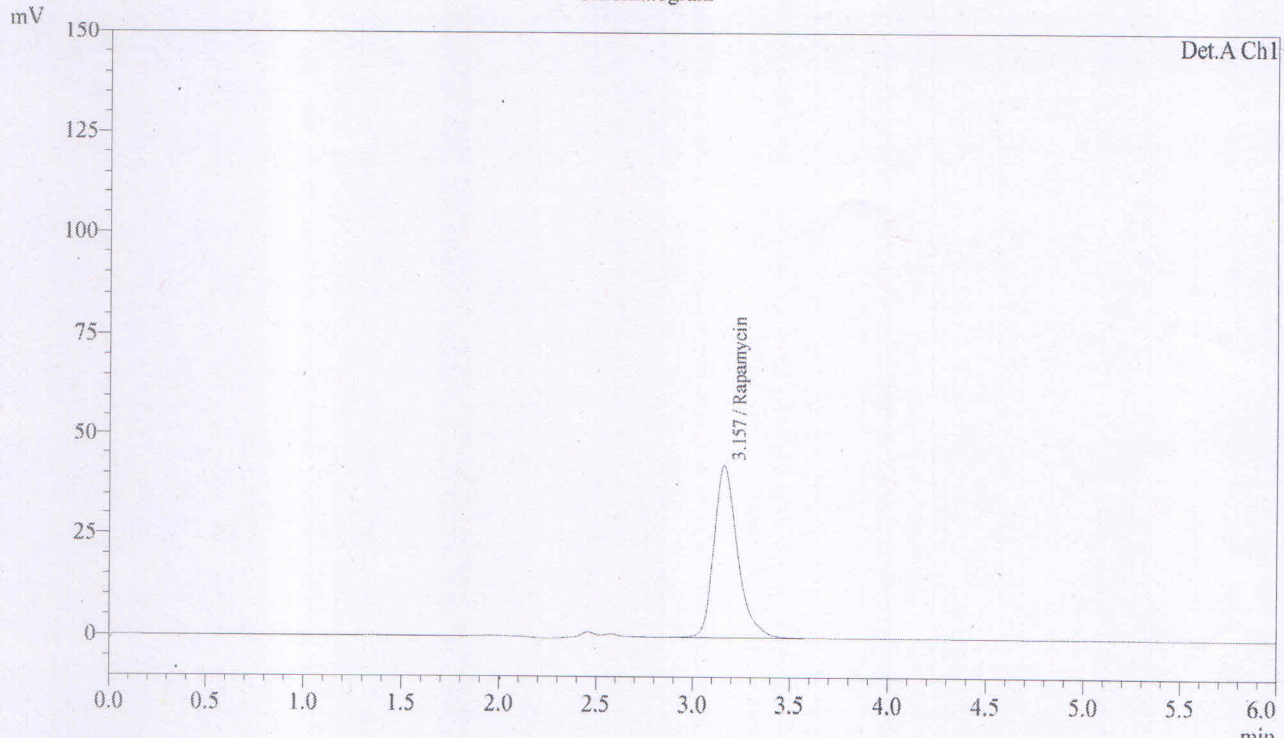
Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.148	548797	64583	100.000	100.000	3140.288
		548797		100.000		

Sample Information

Acquired by	: Rinku
Sample Name	: Test Solution
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay Batch No-66004_Test Solution_01.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:42:29
Data Processed	: 20-09-2019 18:50:54

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

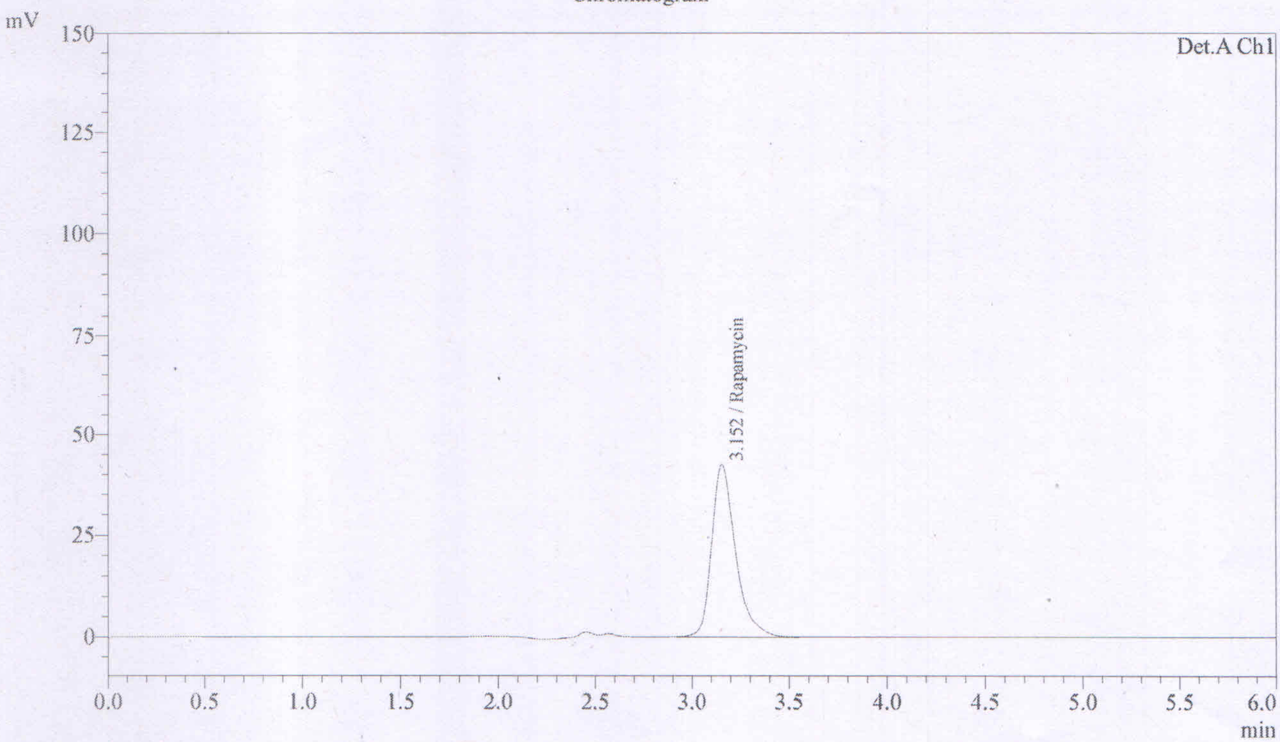
Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.157	360144	42543	100.000	100.000	3161.615
		360144		100.000		

Sample Information

Acquired by	: Rinku
Sample Name	: Test Solution
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay Batch No-66004_Test Solution_02.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:50:14
Data Processed	: 20-09-2019 18:56:17

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

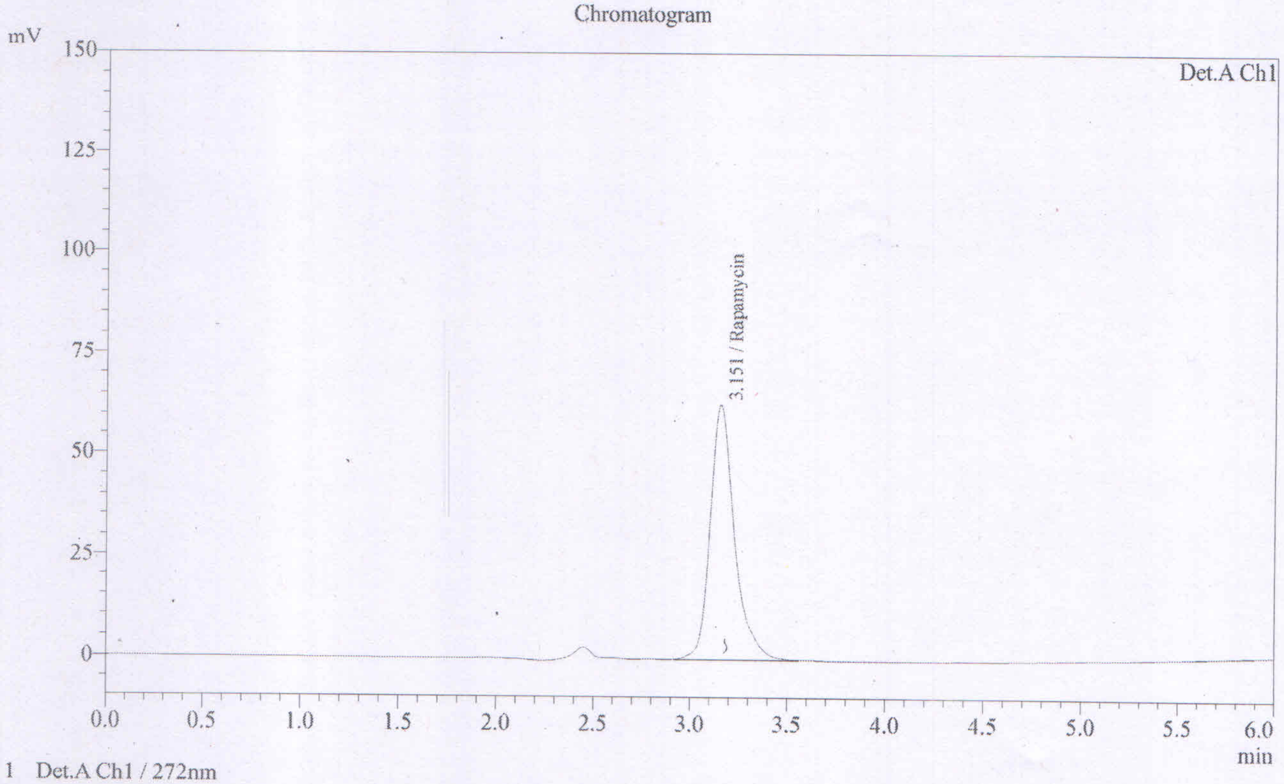
Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.152	360670	42633	100.000	100.000	3146.505
		360670		100.000		

Sample Information

Acquired by	: Rinku
Sample Name	: BKT Standard Solution
Sample ID	:
Vail#	:
Injection Volume	: 20 uL
Data Filename	: Assay BKT Standard Solution.lcd
Method Filename	: RapaPRO Tablets Assay.lcm
Batch Filename	: RapaPRO Tablets Assay.seq.lcb
Report Filename	: Default.lcr
Date Acquired	: 20-09-2019 18:57:08
Data Processed	: 20-09-2019 19:03:09

Chromatogram



1 Det.A Ch1 / 272nm

PeakTable

Detector A Ch1 272nm

Name	Ret. Time	Area	Height	Area %	Height %	Theoretical Plate#
Rapamycin	3.151	549265	63110	100.000	100.000	3094.643
		549265		100.000		