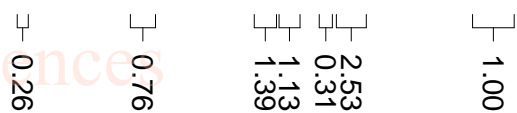
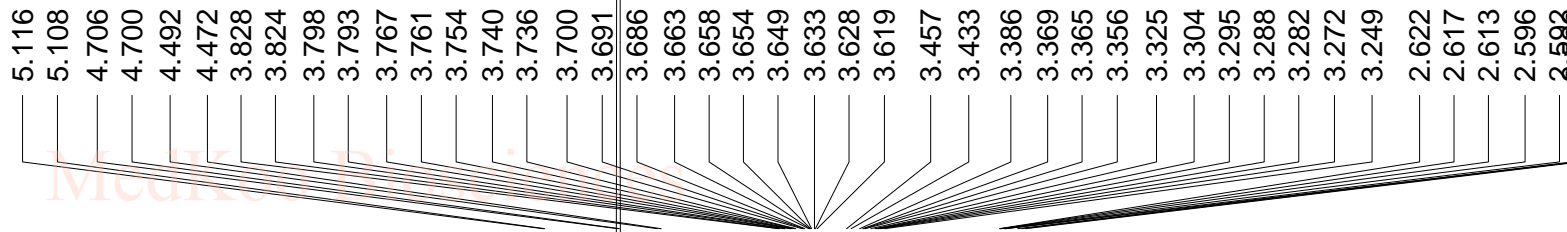
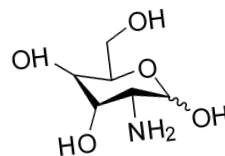


Glucosamine free base HNMR Analysis, solvent: D2O

MedKoo Cat#: 317975
Name: Glucosamine free base
CAS#: 3416-24-8 (free base)
Lot#: A8T03K06
Chemical Formula: C₆H₁₃NO₅
Exact Mass: 179.07937
Molecular Weight: 179.17



10.0
ppm (t1)

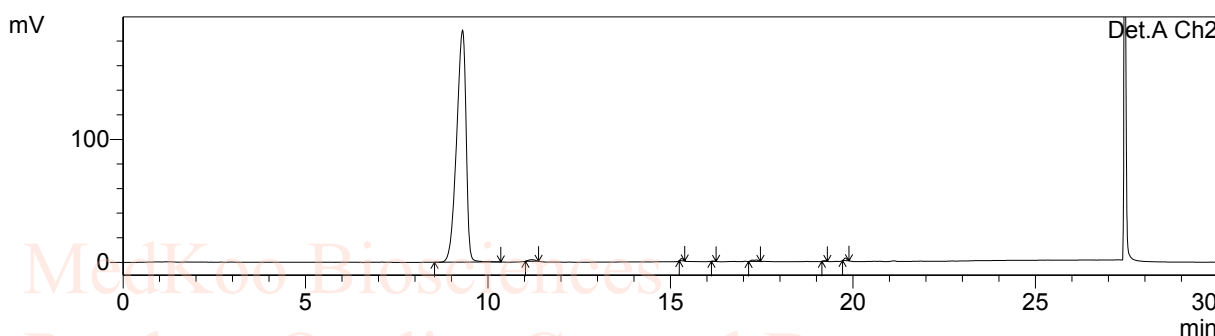
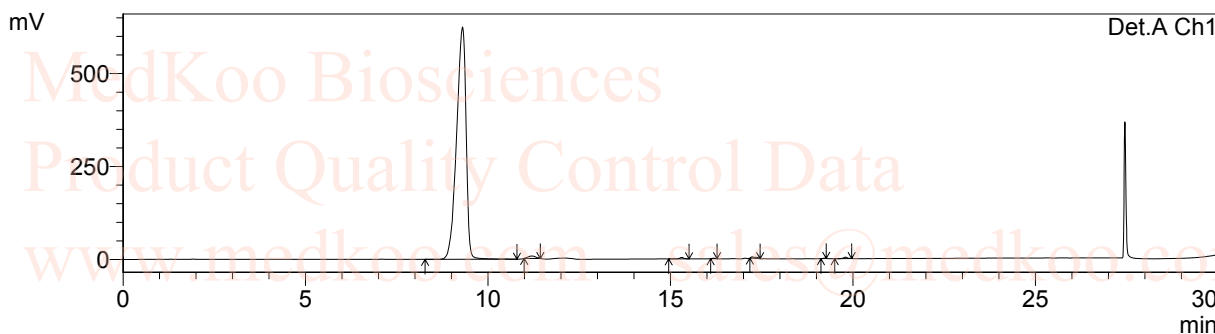
5.0

0.0

Glucosamine free base HPLC Analysis

Column : Diamonsil C18(2), 5um 4.6*250mm
 Mobile phase : Solvent A: H2O(0.05%H3PO4) Solvent B:ACN(0.05%H3PO4)
 Temperature : 35 °C
 Flow rate : 0.8mL/min
 Run time : 6min gradient(5%B), 9min gradient (5%-95%B), 5min gradient (95%B),then 5min @(5%B)
 Detector : UV
 Wavelength :205/210 nm
 User name : 3416-24-8
 Sample name : 3416-24-8

Data File Name : 3416-24-8.lcd
 Method File Name : 33416-24-8.lcm
 Batch File Name : 3416-24-8.lcb

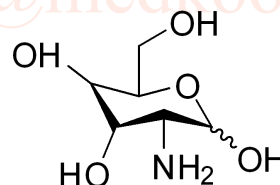


1 Det.A Ch1/205nm
 2 Det.A Ch2/210nm

PeakTable

Detector A Ch1 205nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	9.298	11303395	98.223	5953.002
2	11.196	97386	0.846	11705.994
3	15.303	27649	0.240	96710.151
4	16.173	7601	0.066	149401.264
5	17.236	39638	0.344	63642.270
6	19.215	4326	0.038	323664.138
7	19.789	27943	0.243	160011.320
Total		11507938	100.000	



PeakTable

Detector A Ch2 210nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	9.298	3411295	98.380	5938.747
2	11.194	16210	0.467	16479.056
3	15.302	9424	0.272	179848.469
4	16.178	982	0.028	246771.494
5	17.351	15245	0.440	53915.421
6	19.215	3030	0.087	275865.189
7	19.788	11280	0.325	257438.714
Total		3467465	100.000	

MedKoo Cat#: 317975

Name: Glucosamine free base

CAS#: 3416-24-8 (free base)

Lot#: A8T03K06

Chemical Formula: C6H13NO5

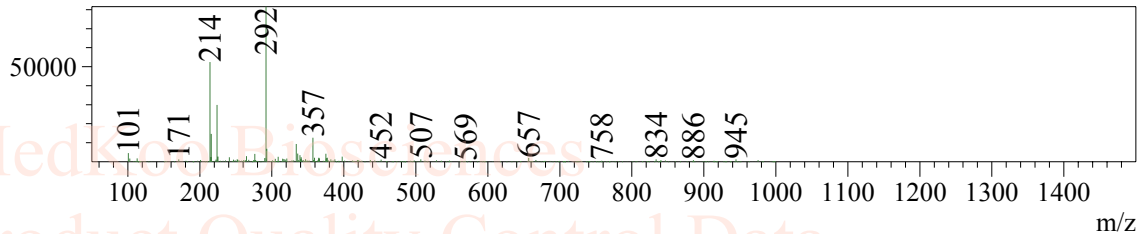
Exact Mass: 179.07937

Molecular Weight: 179.17

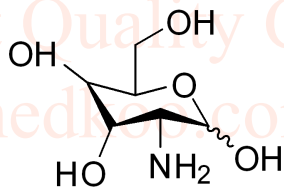
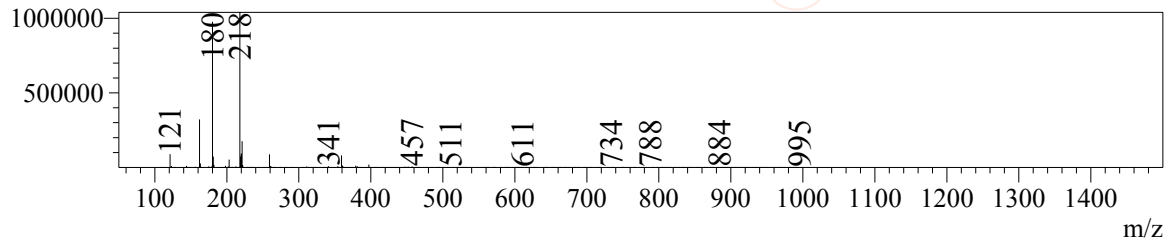
Glucosamine free base MS Analysis

MS Spectrum

Peak#:1 R.Time:0.297(Scan#:18)
MassPeaks:411
Spectrum Mode:Averaged 0.267-0.317(16-20)
BG Mode:Calc Segment 1 - Event 2



Peak#:1 R.Time:0.308(Scan#:17)
MassPeaks:511
Spectrum Mode:Averaged 0.258-0.308(15-19)
BG Mode:Calc Segment 1 - Event 1



MedKoo Cat#: 317975

Name: Glucosamine free base

CAS#: 3416-24-8 (free base)

Lot#: A8T03K06

Chemical Formula: C₆H₁₃NO₅

Exact Mass: 179.07937

Molecular Weight: 179.17

MedKoo Biosciences

Product Quality Control Data

www.medkoo.com

MedKoo Biosciences

Product Quality Control Data

www.medkoo.com

sales@medkoo.com

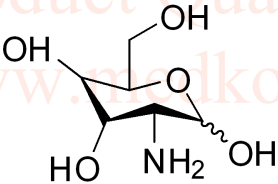


MedKoo Biosciences

Glucosamine free base CNH Analysis

Elemental Analysis Report

MedKoo Cat#: 317975	Product Name: Glucosamine free base	Lot# A8T03K06
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	<p>MedKoo Cat#: 317975 Name: Glucosamine free base CAS#: 3416-24-8 (free base) Chemical Formula: C₆H₁₃NO₅ Exact Mass: 179.07937 Molecular Weight: 179.17 Elemental Analysis: C, 40.22; H, 7.31; N, 7.82; O, 44.65</p>
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Test result

Test	C	H	N
Test 1	40.22	7.33	7.77
Test 2	40.16	7.28	7.77
Theory	40.22	7.31	7.82

MedKoo Biosciences

Product Quality Control Data

www.medkoo.com sales@medkoo.com