

**Table 1)** Comparison between Weight, Blood Glucose and Insulin in the Groups in Different Days

Index	Metformin	Citrullus Colocythis	Positive Control	Negative Control
<b>Weight (gr)</b>				
Day Zero	250.71±15.66	233.42±25.68	247.85±9.51	240.14±11.03
Day 42	187.28±33.20	218.85±18.16	186.57±11.95	245.14±11.88
The Difference between Day Zero and 42	-63.42±43.93	-14.57±27.92	-61.28±19.16	+5.00±20.21
<b>Insulin (µ/ml)</b>				
Day Zero	4.81±2.59	5.33±3.16	5.50±0.71	5.85±2.95
Day 3	2.42±2.10	2.30±0.84	2.08±1.14	1.52±0.27
Day 14	3.90±2.69	4.00±4.35	1.80±0.34	15.61±2.44
Day 42	4.16±3.83	5.01±1.43	3.87±2.76	28.24±9.23
<b>Glucose (mg/dl)</b>				
Day Zero	129.00±25.40	115.14±12.13	128.71±22.47	116.71±11.17
Day 3	288.57±39.02	348.57±32.36	272.85±34.01	123.00±11.67
Day 14	275.00±35.23	352.85±16.03	281.42±32.36	127.85±14.01
Day 28	341.42±93.86	201.42±30.23	281.71±53.23	91.57±1.71
Day 42	182.57±40.36	159.42±41.16	289.71±42.66	99.14±8.07