Table (6). Effect of supplemented dietary Senecioglaucus(SG) powder or extract and ButylatedHydroxy Toluene (BHT) caecum activity of growing rabbits (means ± SE).

Item*	Tested diets							Sig.
	T_1	T_2	T_3	T_4	T_5	T_6	T_7	
Caecum weight, g	8.54±087	7.07±0.07	7.41±0.10	8.13±0.07	7.91±0.51	10.13±1.29	7.91±0.51	NS
Caecum length,cm	10.33±0.93	10.00±0.29	10.73±0.23	10.58±0.8	10.10±0.86	11.50±0.29	10.10±0.86	NS
Caecum pH	7.50^{a}±0.24	6.95^{bc}±0.28	7.08^{b}±0.29	7.26^{ab}±0.65	7.07^{b}±0.28	6.94^{c}±0.2	6.07^{c}±0.28	*
TVFA(meq/100 ml juice)	3.08^{ab}±0.05	2.24^{c}±0.11	2.80^{bc}±0.19	3.06^{ab} ±0.12	3.08^{ab}±0.05	4.85^{a}±0.20	4.73^{a}±0.41	*

** (T_1) (Control positive). (17% CP) ; (T_2) Basal diet (BD) 14% CP (control negative);(T_3) Basal diet + 150 ppm BHT; (T_4) Basal diet + 5g of Senecio glaucus powder /kg feed; (T_5) Basal diet + 10g of Senecio glaucus powder /kg feed; (T_6) Basal diet + 0.5ml of Senecio glaucus extract (100 mg/l) ;(T_7) Basal diet + 1ml of Senecio glaucus extract (100 mg/l). **a and b Means within the same row differ significantly; NS =not significant, *= P< 0.05.*

Table (7): Carcass characteristics of growing rabbits as affected by supplemented dietary Senecio glaucus (SG) powder or extract and Butylated Hydroxy Toluene (BHT)(means ± SE).

Parameter	Tested diets*							Sig.
	T_1	T_2	T_3	T_4	T_5	T_6	T_7	
Pre-slaughter wt.(g)	2228.82^{b}±180.64	2357^{ab}±180.64	2301.66^{ab}±180.64	2556.97^{ab}±180.64	2437.58^{ab}±180.64	2687.02^{a}±180.64	2637.58^{a}±180.64	*
Blood wt.(g)	55.82^{ab}±5.28	50.84^{ab}±5.28	62.51^{ab}±5.28	68.59^{a}±5.28	57.97^{ab}±5.28	58.88^{ab}±5.28	67.97^{a}±5.28	*
Empty carcass wt.(g)	1179.87^{b}±97.9	1169^{b}±97.99	1394.07^{ab}±97.99	1315.17^{ab}±97.99	1273.87^{ab}±97.99	1374.57^{a}±97.99	1373.87^{a}±98.0	*
Dressing %	54.35±4.36	50.73±4.36	53.38±4.36	52.86±4.36	53.37±4.36	52.31±4.36	53.37±4.36	NS
Deboning%	83.63±6.38	83.3±6.38	79.43±6.38	78.83±6.38	81.95±6.38	76.33±6.38	81.95±6.38	NS
Abdominal fat wt.(g)	38.00^{a}±6.81	34.13^{a}±6.81	29.53^{ab}±6.81	25.43^{b}±6.81	24.77^{b}±6.81	19.93^{c}±6.81	19.77^{c}±6.81	*
Edible giblets wt.(g)	112.03^{ab}±7.85	97.21^{b}±7.85	115.00^{ab}±7.85	114.59^{ab}±7.85	121.98^{a}±7.85	123.52^{a}±7.85	125.98^{a}±7.85	*
Liver wt.(g)	69.41±±8.31	73.12±±8.31	75.00±±8.31	71.77±±8.31	68.98±8.31	70.80±8.31	68.98±8.31	NS
Heart wt.(g)	7.87±1.79	7.84±1.79	8.47±1.79	8.00±1.79	8.88±1.79	8.70±1.79	8.88±1.79	NS
Kidney wt.(g)	18.08±2.74	17.34±2.74	17.38±2.74	18.73±2.74	18.89±2.74	19.35±2.74	19.09±2.74	NS
Body length (cm)	34.67±2.14	33.4±2.14	33.33±2.14	35.00±2.14	36.00±2.14	36.83±2.14	36.00±2.14	NS
Brest Curriculum(cm)	25.67±3.88	22.33±3.88	23.67±3.88	24.67±3.88	24.00±3.88	25.33±3.88	24.00±3.88	NS
Leg curriculum(cm)	20.17±3.88	20.00±3.88	20.33±3.88	21.83±3.88	20.33±3.88	21.5±3.88	23.33±3.88	NS
Spleen wt.(g)	1.30±0.55	1.13±0.55	1.21±0.55	1.38±0.55	1.29±0.55	1.60±0.55	1.65±0.55	NS

(T_1) (Control positive). (17% CP) ; (T_2) Basal diet (BD) 14% CP (control negative);(T_3) Basal diet + 150 ppm BHT; (T_4) Basal diet + 5g of Senecio glaucus powder /kg feed; (T_5) Basal diet + 10g of Senecio glaucus powder /kg feed; (T_6) Basal diet + 0.5ml of Senecio glaucus extract (100 mg/l) ;(T_7) Basal diet + 1ml of Senecio glaucus extract (100 mg/l).a and b Means within the same row differ significantly; NS =not significant, *= P<0.05.*

Table (8): Blood plasma constituents of growing NZW rabbits as affected by supplemented dietary Senecioglaucus (SG) powder or extract and Butylated Hydroxy Toluene (BHT).

Parameter	Tested diets							Sig.
	T1	T2	T3	T4	T5	T6	T7	
Urea (mg/dl)	52.08^{b} ±3.27	60.88^{a}±3.27	50.27^{b}±3.27	54.16^{b}±3.27	42.69^{c}±3.27	35.77^{d}±3.27	34.17^{d}±3.27	*
Albumin (g/dl)	3.62^{ab}±0.27	4.79^{a}±0.27	3.65^{ab}±0.27	3.36^{ab}±0.27	2.85^{b}±0.27	2.43^{c}±0.27	2.13^{c}±0.27	*
Total protein (mg/dl)	6.64^{ab}±0.35	7.17^{a}±0.35	6.12^{b}±0.35	5.90^{b}±0.35	4.66^{c}±0.35	3.97^{c}±0.35	3.82^{c}±0.35	*
Globulin (g/dl)	3.02^{b}±0.42	4.38^{a}±0.42	2.47^{bc}±0.42	2.54^{bc}±0.42	1.81^{cd}±0.42	1.54^{d}±0.42	1.35^{d}±0.42	*
A/G ratio	1.27^{b}±0.71	1.64^{ab}±0.71	1.59^{ab}±0.71	1.46^{ab}±0.71	3.17^{a}±0.71	2.29^{ab}±0.71	2.18^{ab}±0.71	*
Cholesterol (mg/dl)	84.41^{a}±5.99	86.32^{a}±5.99	60.44^{b}±5.99	40.52^{c}±5.99	42.93^{c}±5.99	36.74^{c}±5.99	35.66^{c}±5.99	*
Triglycerides (mg/dl)	135.30^{ab}±2.58	140.80^{b}±2.58	133.36^{ab}±2.58	150.74^{a}±2.58	140.50^{b}±2.58	133.71^{ab}±2.58	137.51^{ab}±2.58	*
Createnine (mg/dl)	1.69±0.47	2.15±0.47	1.95±0.47	1.5±0.47	1.65±0.47	1.9±0.47	1.8±0.47	NS
(AST) (u/L)	2.06^{b}±0.56	3.18^{a}±0.56	2.63^{b}±0.56	2.26^{b}±0.56	2.15^{b}±0.56	2.14^{b}±0.56	2.03^{b}±0.56	*
(ALT) (u/L)	6.15^{ab}±0.22	7.29^{a}±0.22	7.02^{a}±0.22	6.51^{ab}±0.22	6.03^{bc}±0.22	5.24^{c}±0.22	5.13^{c}±0.22	*

** (T_1) (Control positive). (17% CP) ;(T_2) Basal diet (BD) 14% CP (control negative);(T_3) Basal diet + 150 ppm BHT; (T_4) Basal diet + 5g of Senecio glaucus powder /kg feed; (T_5) Basal diet + 10g of Senecio glaucus powder /kg feed; (T_6) Basal diet + 0.5ml of Senecio glaucus extract (100 mg/l) ;(T_7) Basal diet + 1ml of Senecio glaucus extract (100 mg/l). **a and b Means within the same row differ significantly; NS =not significant, *= P< 0.05.*

Table (10): Effect of supplemented dietary Senecio glaucus(SG) powder or extract and Butylated Hydroxy Toluene (BHT) on organoleptic evaluation of cooked rabbits meat (means ± SE).

Item	Treatment*							Sig.
	T_1	T_2	T_3	T_4	T_5	T_6	T_7	
Color	7.88^{ab}±0.11	6.11^{b}±0.67	8.88^{a}±0.11	7.88^{ab}±0.51	8.00^{ab}±0.41	8.33^{ab}±0.47	8.88^{a}±0.11	*
Taste	7.77^{ab} ±0.43	6.22^{b} ±0.49	7.88^{ab} ±0.309	8.22^{ab}±0.27	8.00^{ab}±0.28	8.77^{a}±0.22	7.88^{ab}±0.309	*
Oder	8.33^{a}±0.44	6.55^{b}±0.68	7.77^{ab}±0.32	7.77^{ab}±0.52	7.33^{ab}±0.28	8.33^{a}±0.28	7.87^{ab}±0.32	*
Texture	7.44±0.41	6.77±0.59	7.11±0.38	7.77±0.43	7.66±0.28	8.00±0.33	7.61±0.38	NS
Flavor	7.66^{b}±0.28	7.00^{c}±0.52	7.32^{b}±0.20	7.45^{ab}±0.48	8.51^{a}±0.29	7.55^{ab}±0.17	8.11^{a}±0.20	*
Allover acceptability	7.84^{ab}±0.23	6.63^{b}±0.45	7.79^{ab}±0.16	7.82^{ab}±0.47	7.91^{ab}±0.25	8.24^{a} ±0.22	8.07^{a}±0.16	*

(T_1) (Control positive). (17% CP) ; (T_2) Basal diet (BD) 14% CP (control negative);(T_3) Basal diet + 150 ppm BHT; (T_4) Basal diet + 5g of Senecio glaucus powder /kg feed; (T_5) Basal diet + 10g of Senecio glaucus powder /kg feed; (T_6) Basal diet + 0.5ml of Senecio glaucus extract (100 mg/l) ;(T_7) Basal diet + 1ml of Senecio glaucus extract (100 mg/l).a and b Means within the same row differ significantly; NS =not significant, *= P<0.05.*