

Table I.

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Sample	Trial #	Force (Hardness) - (g)	Fracturability (Brittleness) - (mm)
1a	1	2792.4	0.849
1b	1	3665	0.984
1c	1	3832.1	1.178
1d	1	2816.7	0.684
1e	1	4031	0.969
2a	2	3785.9	1.059
2b	2	3659.4	1.009
2c	2	3078.5	1.199
2d	2	3127.2	0.984
2e	2	3436.2	0.984
3a	3	3280.14	2.584
3b	3	3016.93	2.869
3c	3	4793.474	2.489
3d	3	3634.16	1.149
3e	3	3448.8	1.634
4a	4	4835.178	4.399
4b	4	4856.958	4.584
4c	4	4328.892	3.279
4d	4	3688.893	2.659
4e	4	4327.191	3.284
Average		3695.738	1.9515
SD		406.1639631	1.10682446
CV		11.07415742	56.4304766

	Force (g)	Fracturability (mm)
T-Test	0.046945251	0.204596389

Sample	Trial #	Force (Hardness) - (n)	Fracturability (Brittleness) - (mm)
1a	1	4515.7	0.969
1b	1	3106.1	1.244
1c	1	3081	1.244
1d	1	3208.6	1.369
1e	1	2088	0.594
2a	2	2055.1	0.594
2b	2	2495.5	1.084
2c	2	2766.9	1.184
2d	2	2784.1	0.925
2e	2	4039.8	0.934
3a	3	3480.857	2.584
3b	3	2938.879	2.869
3c	3	4071.124	2.489
3d	3	3730.254	1.149
3e	3	1969.43	1.834
4a	4	3035.427	2.974
4b	4	3753.261	3.429
4c	4	3518.897	1.084
4d	4	2461.891	1.054
4e	4	2978.654	0.889
Average		3967.6737	1.5243
SD		713.5644609	0.522622989
CV		5.657852754	34.28607154

Raw Almonds			
Force (g)	3685.73	408.16	11.07
Fracturability (mm)	1.96	1.15	56.43
Roasted Almonds			
Force(g)	3067.68	173.56	5.66
Fracturability (mm)	1.52	0.52	34.29

Notes:	AVG:	Average
	SD:	Standard Deviation
	CV:	Coefficient of Variation

	Trial 1 AVG	Trial 2 AVG	Trial 3 AVG	Trial 4 AVG
Raw Almonds				
Force	3407.44	3337.44	3630.7008	4367.3544
Fracturability	0.933	1.047	2.185	3.681
Roasted Almonds				
Force	3199.88	2810.48	3250.7088	3009.626
Fracturability	1.084	0.9462	2.185	1.882