Sample #	Crucible Weight (g)	Sample Weight (g)	Post Weight (g)	Ash Weight (g)	Ash %
1	10.3086	2.0392	10.3686	0.06	2.942330326
2	11.8876	2.1224	11.9496	0.062	2.921221259
3	11.5072	3.0377	11.5662	0.059	2.895421308
4	12.9375	2.0658	12.9987	0.0612	2.962532675
5	39.5076	2.0081	39.553	0.0454	2.260843538
6	42.9037	2.0056	42.949	0.0453	2.258675708
7	39.2365	2.0042	39.271	0.0345	1.721385091
8	39.6554	2.002	39.701	0.0456	2.277722278
9	25.1372	2.1057	25.1971	0.0599	2.844659733
10	41.8689	2.0292	41.9212	0.0523	2.577370392
11	43.1615	2.0914	43.2142	0.0527	2.519843167
12	40.478	2.0302	40.5288	0.0508	2.50221653
13	39.5117	2.0169	39.5574	0.0457	2.265965887

	Average	Standard Deviation	Relative Error	Coefficient of Variation
Ash %	2.602400233	0.28318663	42.04008389	10.88174781

	Ash %
AVG	2.602400233
SD	0.28318663
RE	42.04008389
CV	10.88174781

Notes: No to accuracy, because not 5% or less

Notes: No precision because not 5% or less

True Value ash%

4.49%

Notes: Based on the pdf provided which says it is 4.49g out of 100g, which is 4.49% out of100%

Q-TEST:

X1-X2 / W

(1.72 - 2.26) / (2.96 - 1.72)

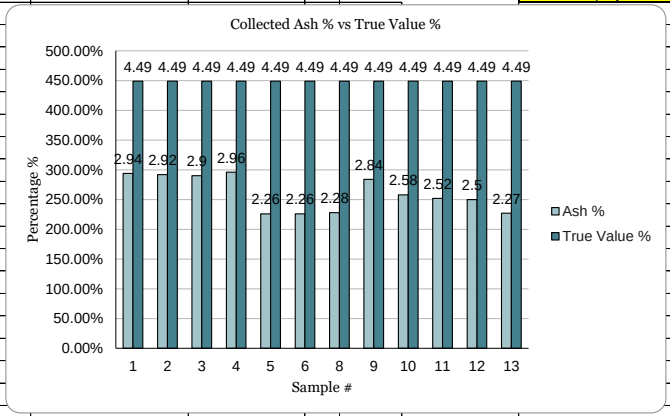
-0.54 / 1.24

Q = |-0.043|

Dixon Test Table: 0.36

.43 > 0.36 (Reject Data)

Sample #	Ash %	True Value %
1	2.94	4.49
2	2.92	4.49
3	2.9	4.49
4	2.96	4.49
5	2.26	4.49
6	2.26	4.49
8	2.28	4.49
9	2.84	4.49
10	2.58	4.49
11	2.52	4.49
12	2.5	4.49
13	2.27	4.49



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