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APPENDIX 1

Table: 1 Water volume (cm³) and ln (intensity brick/intensity AI) of Set1 Brick 1

Water Volume cm ³	ln (intensity brick/intensity AI)
0	0.46
157.78	0.55
233.97	0.55
283.42	0.61
438.08	0.64

Table: 2 Water volume (cm³) and ln (intensity brick/intensity AI) of Set1 Brick 2

Water Volume cm ³	ln (intensity brick/intensity AI)
0.00	0.4
187.09	0.47
271.66	0.54
323.82	0.57
441.86	0.63



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Table: 3 Water volume (cm³) and ln (intensity brick/intensity AI) of Set1 Brick 3

Water Volume cm ³	ln (intensity brick/intensity AI)
0	0.45
241.51	0.53
324.31	0.55
365.81	0.59
437.26	0.64

Table: 4 Water volume (cm³) and ln (intensity brick/intensity Al) of Set1 Brick 4

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.41
234.26	0.46
348.32	0.52
408.17	0.62
464.98	0.64

Table: 5 Water volume (cm³) and ln (intensity brick/intensity Al) of Set1 Brick 5

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.49
261.03	0.56
357.32	0.59
398.02	0.63
432.31	0.65



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Table: 6 Water volume (cm³) and ln (intensity brick/intensity Al) of Set2 Brick 1

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.48
167.12	0.51
235.61	0.55
284.04	0.58
414.59	0.65

Table: 7 Water volume (cm³) and ln (intensity brick/intensity Al) of Set2 Brick 2

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.49
242.72	0.55
331.93	0.64
380.39	0.65
406.35	0.69

Table: 8 Water volume (cm³) and ln (intensity brick/intensity Al) of Set2 Brick 3

Water Volume cm ³	ln (intensity brick/intensity Al)
0.00	0.47
154.20	0.51
219.35	0.59
267.17	0.62
405.66	0.68



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Table: 9 Water volume (cm³) and ln (intensity brick/intensity Al) of Set2 Brick 4

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.43
155.51	0.49
221.89	0.55
270.57	0.57
411.79	0.65

Table: 10 Water volume (cm³) and ln (intensity brick/intensity Al) of Set2 Brick 5

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.46
279.43	0.54
351.72	0.63
355.64	0.64
373.94	0.67

Table: 11 Water volume (cm³) and ln (intensity brick/intensity Al) of Set3 Brick 1

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.6
268.84	0.7
366.01	0.76
405.19	0.81
416.69	0.82



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Table: 12 Water volume (cm³) and ln (intensity brick/intensity Al) of Set3 Brick 2

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.64
274.93	0.74
372.88	0.76
415.38	0.78
430.61	0.81

Table: 13 Water volume (cm³) and ln (intensity brick/intensity Al) of Set3 Brick 3

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.64
262.98	0.72
368.19	0.77
420.13	0.81
435.44	0.83

Table: 14 Water volume (cm³) and ln (intensity brick/intensity Al) of Set3 Brick 4

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.65
187.36	0.75
267.85	0.76
323.45	0.77
385.79	0.82



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Table: 15 Water volume (cm³) and ln (intensity brick/intensity Al) of Set3 Brick 5

Water Volume cm ³	ln (intensity brick/intensity Al)
0	0.68
163.49	0.71
236.36	0.75
289.95	0.77
395.29	0.82