

ภาคผนวก ค

ข้อมูลการทดลองของเครื่องอบแห้งแบบอุโมงค์

การอบแห้งพริกครั้งที่ 1

อุณหภูมิภายในตู้อบแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | |
|-------|------------------|------|------|------|------|------------------|
| | 6 | 11 | 15 | 16 | 17 | T _{ave} |
| | Solar | | | | | |
| 10.00 | 52.3 | 47.2 | 47 | 45.2 | 45 | 47.34 |
| 11.00 | 54.1 | 48.7 | 48.1 | 46.2 | 45.8 | 48.58 |
| 12.00 | 57.3 | 53.6 | 52.8 | 50.6 | 48.9 | 52.64 |
| 13.00 | 61.1 | 57.2 | 55.4 | 52.9 | 51.6 | 55.64 |
| 14.00 | 56.7 | 54 | 52.6 | 50.1 | 54.5 | 53.58 |
| 15.00 | 54.7 | 50.8 | 51.2 | 48 | 51.1 | 51.16 |
| 16.00 | 54.3 | 49.5 | 49.7 | 47.2 | 48 | 49.74 |
| 17.00 | 51.6 | 47.2 | 47.5 | 45 | 45.3 | 47.32 |
| 18.00 | 46.2 | 42.6 | 42.7 | 31.8 | 40.2 | 40.7 |
| Time | Wood | | | | | |
| 19.00 | 47 | 43.1 | 43.1 | 41.2 | 40.6 | 43 |
| 20.00 | 48 | 43.2 | 43.1 | 41.4 | 40.8 | 43.3 |
| 21.00 | 47.6 | 43.3 | 43.2 | 41.5 | 40.9 | 43.3 |
| 22.00 | 47 | 43.6 | 43.4 | 41.6 | 41 | 43.32 |
| 23.00 | 47 | 43.6 | 43.4 | 41.7 | 41.1 | 43.36 |
| 24.00 | 46.8 | 43.6 | 43.5 | 41.8 | 41.2 | 43.38 |
| 1.00 | 46.4 | 43.5 | 43.4 | 41.8 | 41 | 43.22 |
| 2.00 | 46.2 | 43.6 | 43.3 | 41.6 | 40.9 | 43.12 |
| 3.00 | 45.9 | 43.5 | 43.2 | 41.5 | 40.8 | 42.98 |
| 4.00 | 45.8 | 43.4 | 43 | 41.3 | 40.6 | 42.82 |
| 5.00 | 45.8 | 43.2 | 42.9 | 41.1 | 40.5 | 42.7 |
| 6.00 | 45.7 | 43 | 42.8 | 41 | 40.4 | 42.58 |

อุณหภูมิในกองอิฐแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | | | |
|-------|------------------|-------|------|------|------|------|------|------|
| | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 14 |
| | Solar | | | | | | | |
| 10.00 | 159.3 | 104.8 | 58.8 | 90.3 | 84.9 | 69.4 | 68 | 55.6 |
| 11.00 | 155 | 103 | 57.4 | 90.1 | 84.3 | 68.9 | 66.9 | 55.4 |
| 12.00 | 148.2 | 101.2 | 56.2 | 86.8 | 79.8 | 65 | 64.9 | 55.2 |
| 13.00 | 140.8 | 97.5 | 54 | 82.2 | 75.4 | 62.1 | 64.7 | 55.1 |
| 14.00 | 139.2 | 99.2 | 56.3 | 83.7 | 77.5 | 64.2 | 65.5 | 58 |
| 15.00 | 139.1 | 103.5 | 60.2 | 85.7 | 78.8 | 64.8 | 61.2 | 54.7 |
| 16.00 | 136.2 | 103.3 | 61.5 | 85.1 | 77.8 | 64.3 | 59.5 | 53.2 |
| 17.00 | 133.1 | 102.7 | 62 | 85.1 | 78 | 65.5 | 59.9 | 53.9 |
| 18.00 | 130.6 | 99.2 | 60 | 83.8 | 77 | 65.6 | 62.1 | 53.9 |
| Time | Wood | | | | | | | |
| 19.00 | 132 | 98.5 | 59.7 | 85.4 | 80.6 | 68.6 | 64 | 53.6 |
| 20.00 | 133.1 | 97 | 58.9 | 85.1 | 82 | 69.5 | 64 | 53.3 |
| 21.00 | 143 | 95 | 58.3 | 85.2 | 85 | 70.4 | 63.8 | 53.1 |
| 22.00 | 152.6 | 92.7 | 57.6 | 85.9 | 90.4 | 73.5 | 64.1 | 52.8 |
| 23.00 | 161 | 92.7 | 57.6 | 85.9 | 90.4 | 73.5 | 64.1 | 52.8 |
| 24.00 | 170.7 | 92 | 57.3 | 87.7 | 92.3 | 75.2 | 65 | 52.6 |
| 1.00 | 172.1 | 93 | 57 | 88.2 | 92.4 | 74.9 | 65.2 | 52.5 |
| 2.00 | 173.3 | 94.1 | 56.8 | 89 | 92.2 | 74.6 | 65.4 | 52.4 |
| 3.00 | 174.9 | 95.3 | 56.6 | 91 | 92.5 | 74.4 | 65.7 | 52.4 |
| 4.00 | 176 | 96.2 | 56.7 | 92 | 92.3 | 74 | 66 | 52.2 |
| 5.00 | 177.5 | 97.1 | 56.9 | 93.1 | 92.7 | 74.1 | 66.1 | 52.1 |
| 6.00 | 179.2 | 98.6 | 57 | 94.2 | 92.8 | 74.2 | 66.4 | 52 |

มวลของผลิตภัณฑ์ตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Mass of products (g) | | | | | | | | |
|--------------|----------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 10.00 | 60.3 | 60.5 | 60.5 | 60.1 | 60.2 | 59.7 | 59.3 | 59.7 | 60.7 |
| 11.00 | 57.3 | 57.8 | 58.6 | 58.9 | 57.4 | 58.6 | 58.1 | 58.6 | 60 |
| 12.00 | 53.4 | 54.1 | 56.2 | 56.6 | 54.1 | 56.6 | 57.2 | 57.1 | 58.9 |
| 13.00 | 50.1 | 50.5 | 52.6 | 52.4 | 50.5 | 53.1 | 54.3 | 54.4 | 55.9 |
| 14.00 | 46.6 | 45.9 | 49 | 48.3 | 45.5 | 49.3 | 51.7 | 51.4 | 52.8 |
| 15.00 | 44.2 | 43 | 46.7 | 45.1 | 42.6 | 46.9 | 49.7 | 48.9 | 50.4 |
| 16.00 | 42.3 | 41.1 | 45.4 | 42 | 40.4 | 44.4 | 48 | 46.8 | 48.8 |
| 17.00 | 40.8 | 39.6 | 44.2 | 40.1 | 38.7 | 43.6 | 46.3 | 45.7 | 47.3 |
| 18.00 | 39.8 | 38.5 | 43.3 | 39.6 | 38 | 42 | 45.5 | 44.8 | 46.6 |
| Time | Wood | | | | | | | | |
| 19.00 | 37.9 | 37.4 | 41.4 | 38.8 | 37.1 | 40.8 | 44.3 | 44 | 46 |
| 20.00 | 36.9 | 36.6 | 40.4 | 38 | 36.5 | 40.1 | 43.4 | 43.1 | 45.2 |
| 21.00 | 36.1 | 35.9 | 39.5 | 37.2 | 35.9 | 39.5 | 42.5 | 42.3 | 44.5 |
| 22.00 | 35.4 | 35.1 | 38.6 | 36.5 | 35.3 | 38.3 | 41.6 | 41.5 | 43.8 |
| 23.00 | 34.8 | 34.5 | 37.6 | 35.6 | 34.8 | 38.1 | 40.9 | 40.6 | 42 |
| 24.00 | 34.1 | 33.8 | 36.7 | 34.8 | 34.3 | 37.4 | 40.1 | 39.8 | 41.3 |
| 1.00 | 33.6 | 33.1 | 35.8 | 34.3 | 33.9 | 36.6 | 39.3 | 39.1 | 40.6 |
| 2.00 | 33 | 32.3 | 35 | 33.8 | 33.5 | 35.9 | 38.3 | 38.2 | 39.9 |
| 3.00 | 32.3 | 31.6 | 34.2 | 33.3 | 33.1 | 35.2 | 37.4 | 37.3 | 39.1 |
| 4.00 | 31.6 | 30.9 | 33.5 | 32.9 | 32.8 | 34.6 | 36.6 | 36.5 | 38.6 |
| 5.00 | 31 | 30.7 | 32.6 | 32.6 | 32.4 | 33.8 | 35.8 | 35.6 | 38.2 |
| 6.00 | 30.8 | 30.6 | 31.6 | 32.2 | 32.1 | 33.2 | 34.9 | 34.7 | 37.9 |
| Mass of Tray | 16.4 | 15.8 | 16.7 | 16.4 | 16.2 | 17.3 | 16.3 | 16.8 | 15.6 |
| Dry Mass | 30.5 | 30.3 | 30 | 30 | 29.6 | 30.1 | 29.8 | 29.6 | 30.5 |

ความชื้นของผลิตภัณฑ์ในภาชนะตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Moisture content (%) | | | | | | | | |
|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar Energy | | | | | | | | |
| 10.00 | 211.35 | 208.28 | 229.32 | 221.32 | 228.36 | 231.25 | 218.52 | 235.16 | 202.68 |
| 11.00 | 190.07 | 189.66 | 215.04 | 212.50 | 207.46 | 222.66 | 209.63 | 226.56 | 197.99 |
| 12.00 | 162.41 | 164.14 | 196.99 | 195.59 | 182.84 | 207.03 | 202.96 | 214.84 | 190.60 |
| 13.00 | 139.01 | 139.31 | 169.92 | 164.71 | 155.97 | 179.69 | 181.48 | 193.75 | 170.47 |
| 14.00 | 114.18 | 107.59 | 142.86 | 134.56 | 118.66 | 150.00 | 162.22 | 170.31 | 149.66 |
| 15.00 | 97.16 | 87.59 | 125.56 | 111.03 | 97.01 | 131.25 | 147.41 | 150.78 | 133.56 |
| 16.00 | 83.69 | 74.48 | 115.79 | 88.24 | 80.60 | 111.72 | 134.81 | 134.38 | 122.82 |
| 17.00 | 73.05 | 64.14 | 106.77 | 74.26 | 67.91 | 105.47 | 122.22 | 125.78 | 112.75 |
| 18.00 | 65.96 | 56.55 | 100.00 | 70.59 | 62.69 | 92.97 | 116.30 | 118.75 | 108.05 |
| Time | Wood | | | | | | | | |
| 19.00 | 52.48 | 48.97 | 85.71 | 64.71 | 55.97 | 83.59 | 107.41 | 112.50 | 104.03 |
| 20.00 | 45.39 | 43.45 | 78.20 | 58.82 | 51.49 | 78.13 | 100.74 | 105.47 | 98.66 |
| 21.00 | 39.72 | 38.62 | 71.43 | 52.94 | 47.01 | 73.44 | 94.07 | 99.22 | 93.96 |
| 22.00 | 34.75 | 33.10 | 64.66 | 47.79 | 42.54 | 64.06 | 87.41 | 92.97 | 89.26 |
| 23.00 | 30.50 | 28.97 | 57.14 | 41.18 | 38.81 | 62.50 | 82.22 | 85.94 | 77.18 |
| 24.00 | 25.53 | 24.14 | 50.38 | 35.29 | 35.07 | 57.03 | 76.30 | 79.69 | 72.48 |
| 1.00 | 21.99 | 19.31 | 43.61 | 31.62 | 32.09 | 50.78 | 70.37 | 74.22 | 67.79 |
| 2.00 | 17.73 | 13.79 | 37.59 | 27.94 | 29.10 | 45.31 | 62.96 | 67.19 | 63.09 |
| 3.00 | 12.77 | 8.97 | 31.58 | 24.26 | 26.12 | 39.84 | 56.30 | 60.16 | 57.72 |
| 4.00 | 7.80 | 4.14 | 26.32 | 21.32 | 23.88 | 35.16 | 50.37 | 53.91 | 54.36 |
| 5.00 | 3.55 | 2.76 | 19.55 | 19.12 | 20.90 | 28.91 | 44.44 | 46.88 | 51.68 |
| 6.00 | 2.13 | 2.07 | 12.03 | 16.18 | 18.66 | 24.22 | 37.78 | 39.84 | 49.66 |

การทดลองอบแห้งพริกครั้งที่ 2

อุณหภูมิภายในตู้อบแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | |
|-------|------------------|------|------|------|------|------------------|
| | 6 | 11 | 15 | 16 | 17 | T _{ave} |
| | Solar | | | | | |
| 8.00 | 56.3 | 49.3 | 47 | 41 | 48.2 | 48.36 |
| 9.00 | 61.5 | 53.6 | 53.6 | 45.2 | 50 | 52.78 |
| 10.00 | 56.5 | 52.7 | 51.9 | 45.1 | 53 | 51.84 |
| 11.00 | 57.3 | 50.8 | 48 | 43.7 | 47.7 | 49.5 |
| 12.00 | 63.1 | 55.4 | 55.6 | 50 | 54.1 | 55.64 |
| 13.00 | 64.3 | 52.3 | 52.6 | 51.6 | 54.6 | 55.08 |
| 14.00 | 63.9 | 59.2 | 59.6 | 53.2 | 60.5 | 59.28 |
| 15.00 | 63.8 | 55.9 | 52.6 | 50.1 | 50.5 | 54.58 |
| 16.00 | 62.3 | 58.1 | 54.7 | 50.7 | 53.3 | 55.82 |
| 17.00 | 57.4 | 54.1 | 51.8 | 49.1 | 49.4 | 52.36 |
| 18.00 | 45.6 | 44 | 43.2 | 41.8 | 40.5 | 43.02 |
| Time | Wood | | | | | |
| 19.00 | 49.9 | 44.3 | 43.3 | 41.9 | 40.8 | 44.04 |
| 20.00 | 53.8 | 45 | 43.5 | 41.9 | 41.4 | 45.12 |
| 21.00 | 52.9 | 45.1 | 43.6 | 41.8 | 41 | 44.88 |
| 22.00 | 52.8 | 45.2 | 43.4 | 41.7 | 40.7 | 44.76 |
| 23.00 | 52.5 | 45.3 | 43.4 | 41.9 | 40.9 | 44.8 |
| 24.00 | 52.3 | 45.5 | 43.3 | 41.8 | 41 | 44.78 |
| 1.00 | 52 | 45.5 | 43.3 | 41.6 | 41.1 | 44.7 |
| 2.00 | 52.1 | 45.4 | 43.2 | 41.5 | 41 | 44.64 |
| 3.00 | 52.2 | 45.5 | 43.2 | 41.4 | 40.9 | 44.64 |
| 4.00 | 52.3 | 45.3 | 43.3 | 41.4 | 40.8 | 44.62 |
| 5.00 | 52.5 | 45.2 | 43.4 | 41.2 | 40.7 | 44.6 |
| 6.00 | 52.6 | 45 | 43.4 | 40.9 | 40.6 | 44.5 |

อุณหภูมิในกองอิฐแต่ละตำแหน่ง ณ เวลาต่างๆ

| Time | Temperature (°C) | | | | | | | |
|-------|------------------|-------|------|-------|-------|------|------|------|
| | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 14 |
| | Solar Energy | | | | | | | |
| 8.00 | 249.7 | 114.7 | 55.5 | 113 | 117.8 | 92.6 | 80.3 | 50.2 |
| 9.00 | 243.5 | 117.5 | 57.2 | 114.1 | 116.7 | 91.8 | 80.9 | 51.6 |
| 10.00 | 238.7 | 120.3 | 59.7 | 114.8 | 116.2 | 91.3 | 81.4 | 52.9 |
| 11.00 | 231 | 121.7 | 60.5 | 114.6 | 114.5 | 90.2 | 81.1 | 53.6 |
| 12.00 | 222.5 | 123.6 | 62.2 | 113.7 | 111.7 | 88.7 | 82.7 | 56.1 |
| 13.00 | 218.5 | 127.7 | 66.9 | 116.1 | 113.1 | 90.4 | 84 | 60.2 |
| 14.00 | 209.6 | 129 | 70.2 | 115.4 | 111.6 | 89.6 | 83.6 | 62.7 |
| 15.00 | 205.6 | 130.3 | 72.2 | 115 | 110.1 | 89.1 | 81.7 | 65.9 |
| 16.00 | 200.2 | 130.5 | 73.1 | 114.5 | 108.6 | 86.8 | 78.7 | 68.7 |
| 17.00 | 192.7 | 128.2 | 72.5 | 112.8 | 106.3 | 85.7 | 78 | 68.3 |
| 18.00 | 187.5 | 126.6 | 71.8 | 111.7 | 104.7 | 84.9 | 77.1 | 67.9 |
| Time | Wood | | | | | | | |
| 19.00 | 184 | 125.6 | 71.4 | 115.6 | 105.3 | 86.1 | 78.7 | 67.8 |
| 20.00 | 181.1 | 123.9 | 70.9 | 113.1 | 106.6 | 88.4 | 80.7 | 67.4 |
| 21.00 | 183.4 | 121.3 | 70 | 112.5 | 107.9 | 89.8 | 81.2 | 67.2 |
| 22.00 | 185.3 | 118.5 | 69.5 | 111.9 | 109.6 | 91.1 | 81.7 | 67 |
| 23.00 | 188.9 | 117.1 | 69.4 | 112.6 | 111.2 | 92.5 | 82.7 | 66.7 |
| 24.00 | 192.3 | 116.2 | 69.4 | 113.4 | 113.6 | 94 | 84 | 66 |
| 1.00 | 194.6 | 115.8 | 69 | 113.9 | 114 | 94.3 | 85.1 | 65.6 |
| 2.00 | 196.9 | 115.2 | 68.6 | 114.3 | 114.6 | 93.9 | 84.8 | 65.5 |
| 3.00 | 199.7 | 114.7 | 68.3 | 114.8 | 114.2 | 93.2 | 84.1 | 65.4 |
| 4.00 | 201.2 | 114.1 | 68.2 | 115.6 | 113.9 | 92.6 | 83.5 | 65.2 |
| 5.00 | 203.8 | 113.6 | 68 | 116.1 | 113.6 | 92.2 | 83.2 | 65 |
| 6.00 | 206.9 | 113.2 | 67.8 | 116.5 | 113.5 | 91.7 | 82.9 | 64.8 |

มวลของผลิตภัณฑ์ตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Mass of products (g) | | | | | | | | |
|--------------|----------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 8.00 | 34.4 | 34.1 | 37.8 | 33.5 | 32.7 | 36.1 | 34 | 34.1 | 31.9 |
| 9.00 | 32.8 | 32.6 | 37.2 | 32.6 | 31.8 | 35.5 | 33.4 | 33.4 | 31.5 |
| 10.00 | 30.7 | 30.6 | 36.4 | 31.6 | 30.4 | 34.8 | 32.6 | 32.5 | 31 |
| 11.00 | 28.6 | 28.5 | 35.2 | 30.3 | 28.7 | 33.7 | 31.4 | 31.2 | 30.1 |
| 12.00 | 26.3 | 26.2 | 33.9 | 28.9 | 26.8 | 32.5 | 30.5 | 30.2 | 29.4 |
| 13.00 | 25.1 | 25 | 32.9 | 28.1 | 25.6 | 31.2 | 28.4 | 28.7 | 28.8 |
| 14.00 | 23.6 | 22.8 | 30.3 | 26.2 | 24.6 | 28.8 | 26.2 | 26.6 | 26.6 |
| 15.00 | 22.9 | 22.4 | 29.7 | 25.7 | 23.8 | 27.6 | 25.3 | 25.8 | 25.8 |
| 16.00 | 22.6 | 22.2 | 28.5 | 24.9 | 23.1 | 26.8 | 24.8 | 25.3 | 25 |
| 17.00 | 22.4 | 22.1 | 27.4 | 24.4 | 22.7 | 26.2 | 24.4 | 24.9 | 24.6 |
| 18.00 | 22.3 | 22 | 27 | 24 | 22.4 | 25.8 | 24 | 24.6 | 24.2 |
| Time | Wood | | | | | | | | |
| 19.00 | 22.2 | 22 | 26.5 | 23.8 | 22.3 | 25.6 | 23.9 | 24.5 | 23.8 |
| 20.00 | 22.1 | 21.9 | 26.1 | 23.7 | 22.2 | 25.4 | 23.8 | 24.4 | 23.7 |
| 21.00 | 22.1 | 21.9 | 25.6 | 23.5 | 22.1 | 25.3 | 23.7 | 24.3 | 23.6 |
| 22.00 | 22.1 | 21.9 | 25.2 | 23.2 | 22 | 25.2 | 23.6 | 24.2 | 23.5 |
| 23.00 | 22.1 | 21.9 | 24.9 | 23 | 21.9 | 25.1 | 23.6 | 24.1 | 23.4 |
| 24.00 | 22.1 | 21.9 | 24.6 | 22.8 | 21.9 | 25 | 23.5 | 24 | 23.3 |
| 1.00 | 22.1 | 21.9 | 24.4 | 22.6 | 21.8 | 24.9 | 23.5 | 23.9 | 23.2 |
| 2.00 | 22 | 21.8 | 24.2 | 22.4 | 21.8 | 24.8 | 23.4 | 23.8 | 23.1 |
| 3.00 | 22 | 21.8 | 24.1 | 22.2 | 21.7 | 24.7 | 23.4 | 23.7 | 23 |
| 4.00 | 22 | 21.8 | 24 | 22 | 21.7 | 24.6 | 23.3 | 23.7 | 22.9 |
| 5.00 | 22 | 21.8 | 23.9 | 21.9 | 21.6 | 24.5 | 23.3 | 23.6 | 22.9 |
| 6.00 | 22 | 21.8 | 23.8 | 21.9 | 21.6 | 24.4 | 23.3 | 23.5 | 22.9 |
| Mass of Tray | 16.4 | 15.8 | 16.7 | 16.4 | 16.2 | 17.3 | 16.3 | 16.8 | 15.6 |
| Dry mass | 21.9 | 21.7 | 23.3 | 21.2 | 20.8 | 23.2 | 21.5 | 21.7 | 20.8 |

ความชื้นของผลิตภัณฑ์ในภาชนะตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Moisture content (%) | | | | | | | | |
|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 8.00 | 227.27 | 210.17 | 219.70 | 256.25 | 258.70 | 218.64 | 240.38 | 253.06 | 213.46 |
| 9.00 | 198.18 | 184.75 | 210.61 | 237.50 | 239.13 | 208.47 | 228.85 | 238.78 | 205.77 |
| 10.00 | 160.00 | 150.85 | 198.48 | 216.67 | 208.70 | 196.61 | 213.46 | 220.41 | 196.15 |
| 11.00 | 121.82 | 115.25 | 180.30 | 189.58 | 171.74 | 177.97 | 190.38 | 193.88 | 178.85 |
| 12.00 | 80.00 | 76.27 | 160.61 | 160.42 | 130.43 | 157.63 | 173.08 | 173.47 | 165.38 |
| 13.00 | 58.18 | 55.93 | 145.45 | 143.75 | 104.35 | 135.59 | 132.69 | 142.86 | 153.85 |
| 14.00 | 30.91 | 18.64 | 106.06 | 104.17 | 82.61 | 94.92 | 90.38 | 100.00 | 111.54 |
| 15.00 | 18.18 | 11.86 | 96.97 | 93.75 | 65.22 | 74.58 | 73.08 | 83.67 | 96.15 |
| 16.00 | 12.73 | 8.47 | 78.79 | 77.08 | 50.00 | 61.02 | 63.46 | 73.47 | 80.77 |
| 17.00 | 9.09 | 6.78 | 62.12 | 66.67 | 41.30 | 50.85 | 55.77 | 65.31 | 73.08 |
| 18.00 | 7.27 | 5.08 | 56.06 | 58.33 | 34.78 | 44.07 | 48.08 | 59.18 | 65.38 |
| Time | Wood | | | | | | | | |
| 19.00 | 5.45 | 5.08 | 48.48 | 54.17 | 32.61 | 40.68 | 46.15 | 57.14 | 57.69 |
| 20.00 | 3.64 | 3.39 | 42.42 | 52.08 | 30.43 | 37.29 | 44.23 | 55.10 | 55.77 |
| 21.00 | 3.64 | 3.39 | 34.85 | 47.92 | 28.26 | 35.59 | 42.31 | 53.06 | 53.85 |
| 22.00 | 3.64 | 3.39 | 28.79 | 41.67 | 26.09 | 33.90 | 40.38 | 51.02 | 51.92 |
| 23.00 | 3.64 | 3.39 | 24.24 | 37.50 | 23.91 | 32.20 | 40.38 | 48.98 | 50.00 |
| 24.00 | 3.64 | 3.39 | 19.70 | 33.33 | 23.91 | 30.51 | 38.46 | 46.94 | 48.08 |
| 1.00 | 3.64 | 3.39 | 16.67 | 29.17 | 21.74 | 28.81 | 38.46 | 44.90 | 46.15 |
| 2.00 | 1.82 | 1.69 | 13.64 | 25.00 | 21.74 | 27.12 | 36.54 | 42.86 | 44.23 |
| 3.00 | 1.82 | 1.69 | 12.12 | 20.83 | 19.57 | 25.42 | 36.54 | 40.82 | 42.31 |
| 4.00 | 1.82 | 1.69 | 10.61 | 16.67 | 19.57 | 23.73 | 34.62 | 40.82 | 40.38 |
| 5.00 | 1.82 | 1.69 | 9.09 | 14.58 | 17.39 | 22.03 | 34.62 | 38.78 | 40.38 |
| 6.00 | 1.82 | 1.69 | 7.58 | 14.58 | 17.39 | 20.34 | 34.62 | 36.73 | 40.38 |

การทดลองอบพริกครั้งที่ 3

อุณหภูมิภายในตู้อบแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | |
|-------|------------------|------|------|------|------|------------------|
| | 6 | 11 | 15 | 16 | 17 | T _{ave} |
| | Solar Energy | | | | | |
| 9.00 | 54.6 | 51.5 | 50.7 | 47 | 50 | 50.76 |
| 10.00 | 60.1 | 57.3 | 57 | 52.8 | 54.5 | 56.34 |
| 11.00 | 58.6 | 55.6 | 56.2 | 51.6 | 56.6 | 55.72 |
| 12.00 | 65.3 | 60.7 | 55.2 | 54 | 54.7 | 57.98 |
| 13.00 | 63.1 | 58.1 | 57.5 | 54.6 | 61.7 | 59 |
| 14.00 | 61.8 | 56.7 | 57.1 | 53.2 | 60.7 | 57.9 |
| 15.00 | 60 | 54.8 | 54.1 | 50.1 | 58.8 | 55.56 |
| 16.00 | 56.8 | 54.3 | 55 | 52.1 | 50 | 53.64 |
| 17.00 | 54.2 | 50.9 | 50.2 | 48.2 | 52.1 | 51.12 |
| 18.00 | 50.3 | 43.1 | 42.6 | 41.1 | 43.8 | 44.18 |
| Time | Wood | | | | | |
| 19.00 | 50.1 | 43.2 | 42.8 | 41.3 | 44.1 | 44.3 |
| 20.00 | 51 | 43.9 | 43 | 41.7 | 44.1 | 44.74 |
| 21.00 | 51.4 | 44.3 | 43.2 | 41.9 | 44.2 | 45 |
| 22.00 | 51.3 | 44.4 | 43.3 | 42 | 44.3 | 45.06 |
| 23.00 | 51.2 | 44.5 | 43.6 | 42.1 | 44.2 | 45.12 |
| 24.00 | 51 | 44.7 | 43.6 | 42 | 44.1 | 45.08 |
| 1.00 | 50.9 | 44.8 | 43.6 | 41.9 | 44 | 45.04 |
| 2.00 | 50.8 | 44.6 | 43.5 | 41.9 | 43.9 | 44.94 |
| 3.00 | 51 | 44.5 | 43.4 | 41.8 | 43.9 | 44.92 |
| 4.00 | 51.1 | 44.4 | 43.4 | 41.7 | 44 | 44.92 |
| 5.00 | 51.3 | 44.4 | 43.5 | 41.8 | 43.9 | 44.98 |
| 6.00 | 51.4 | 44.5 | 43.4 | 41.8 | 43.8 | 44.98 |

มวลของผลิตภัณฑ์ตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Mass of products (g) | | | | | | | | |
|--------------|----------------------|------|------|------|-------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 9.00 | 31.9 | 32.6 | 30.1 | 31.3 | 31.4 | 34.2 | 31.4 | 33.5 | 32.8 |
| 10.00 | 30.3 | 31.1 | 29.3 | 29.9 | 30.1 | 33.4 | 30.7 | 32.9 | 32.1 |
| 11.00 | 28.9 | 29.5 | 27.9 | 28.7 | 28.8 | 32.2 | 29.8 | 32 | 30.8 |
| 12.00 | 26.9 | 27.2 | 26.2 | 27 | 26.9 | 30.3 | 28 | 30.3 | 29 |
| 13.00 | 24.8 | 25.2 | 24.9 | 25.8 | 25.2 | 28.5 | 25.9 | 28.6 | 27.8 |
| 14.00 | 23.3 | 23.7 | 23.6 | 25.2 | 23.8 | 27.1 | 24.4 | 27.1 | 26.6 |
| 15.00 | 22.3 | 22.5 | 23.2 | 24.6 | 23.47 | 26 | 23.7 | 25.8 | 25.7 |
| 16.00 | 22.1 | 21.9 | 22.9 | 24.1 | 23 | 25.4 | 23.4 | 25.2 | 25 |
| 17.00 | 21.9 | 21.7 | 22.6 | 23.7 | 22.7 | 25 | 23.2 | 24.6 | 24.5 |
| 18.00 | 21.7 | 21.6 | 22.4 | 23.3 | 22.5 | 24.7 | 23 | 24.4 | 24.1 |
| Time | Wood | | | | | | | | |
| 19.00 | 21.6 | 21.5 | 22.2 | 23.1 | 22.3 | 24.5 | 22.9 | 24.2 | 23.9 |
| 20.00 | 21.5 | 21.5 | 22 | 23 | 22.1 | 24.3 | 22.8 | 24 | 23.7 |
| 21.00 | 21.4 | 21.5 | 21.8 | 22.8 | 21.9 | 24.2 | 22.7 | 23.9 | 23.6 |
| 22.00 | 21.4 | 21.5 | 21.6 | 22.6 | 21.8 | 24.1 | 22.6 | 23.8 | 23.5 |
| 23.00 | 21.4 | 21.4 | 21.4 | 22.5 | 21.7 | 24 | 22.5 | 23.7 | 23.4 |
| 24.00 | 21.3 | 21.4 | 21.3 | 22.3 | 21.6 | 23.9 | 22.4 | 23.6 | 23.3 |
| 1.00 | 21.3 | 21.4 | 21.2 | 22.1 | 21.6 | 23.8 | 22.3 | 23.5 | 23.2 |
| 2.00 | 21.3 | 21.4 | 21.1 | 22 | 21.5 | 23.7 | 22.2 | 23.4 | 23.1 |
| 3.00 | 21.3 | 21.3 | 21 | 21.9 | 21.5 | 23.6 | 22.2 | 23.3 | 23 |
| 4.00 | 21.2 | 21.3 | 20.9 | 21.8 | 21.5 | 23.5 | 22.1 | 23.2 | 22.9 |
| 5.00 | 21.2 | 21.3 | 20.8 | 21.7 | 21.4 | 23.4 | 22.1 | 23.1 | 22.8 |
| 6.00 | 21.2 | 21.3 | 20.7 | 21.7 | 21.4 | 23.3 | 22.1 | 23 | 22.8 |
| Mass of Tray | 16.4 | 15.8 | 16.7 | 16.4 | 16.2 | 17.3 | 16.3 | 16.8 | 15.6 |
| Dry Mass | 21.1 | 21.2 | 20.5 | 21.3 | 20.8 | 22.5 | 21 | 21.7 | 20.9 |

ความชื้นของผลิตภัณฑ์ในภาชนะตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Moisture content (%) | | | | | | | | |
|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar Energy | | | | | | | | |
| 9.00 | 229.79 | 211.11 | 252.63 | 204.08 | 230.43 | 225.00 | 221.28 | 240.82 | 224.53 |
| 10.00 | 195.74 | 183.33 | 231.58 | 175.51 | 202.17 | 209.62 | 206.38 | 228.57 | 211.32 |
| 11.00 | 165.96 | 153.70 | 194.74 | 151.02 | 173.91 | 186.54 | 187.23 | 210.20 | 186.79 |
| 12.00 | 123.40 | 111.11 | 150.00 | 116.33 | 132.61 | 150.00 | 148.94 | 175.51 | 152.83 |
| 13.00 | 78.72 | 74.07 | 115.79 | 91.84 | 95.65 | 115.38 | 104.26 | 140.82 | 130.19 |
| 14.00 | 46.81 | 46.30 | 81.58 | 79.59 | 65.22 | 88.46 | 72.34 | 110.20 | 107.55 |
| 15.00 | 25.53 | 24.07 | 71.05 | 67.35 | 58.04 | 67.31 | 57.45 | 83.67 | 90.57 |
| 16.00 | 21.28 | 12.96 | 63.16 | 57.14 | 47.83 | 55.77 | 51.06 | 71.43 | 77.36 |
| 17.00 | 17.02 | 9.26 | 55.26 | 48.98 | 41.30 | 48.08 | 46.81 | 59.18 | 67.92 |
| 18.00 | 12.77 | 7.41 | 50.00 | 40.82 | 36.96 | 42.31 | 42.55 | 55.10 | 60.38 |
| Time | Wood | | | | | | | | |
| 19.00 | 10.64 | 5.56 | 44.74 | 36.73 | 32.61 | 38.46 | 40.43 | 51.02 | 56.60 |
| 20.00 | 8.51 | 5.56 | 39.47 | 34.69 | 28.26 | 34.62 | 38.30 | 46.94 | 52.83 |
| 21.00 | 6.38 | 5.56 | 34.21 | 30.61 | 23.91 | 32.69 | 36.17 | 44.90 | 50.94 |
| 22.00 | 6.38 | 5.56 | 28.95 | 26.53 | 21.74 | 30.77 | 34.04 | 42.86 | 49.06 |
| 23.00 | 6.38 | 3.70 | 23.68 | 24.49 | 19.57 | 28.85 | 31.91 | 40.82 | 47.17 |
| 24.00 | 4.26 | 3.70 | 21.05 | 20.41 | 17.39 | 26.92 | 29.79 | 38.78 | 45.28 |
| 1.00 | 4.26 | 3.70 | 18.42 | 16.33 | 17.39 | 25.00 | 27.66 | 36.73 | 43.40 |
| 2.00 | 4.26 | 3.70 | 15.79 | 14.29 | 15.22 | 23.08 | 25.53 | 34.69 | 41.51 |
| 3.00 | 4.26 | 1.85 | 13.16 | 12.24 | 15.22 | 21.15 | 25.53 | 32.65 | 39.62 |
| 4.00 | 2.13 | 1.85 | 10.53 | 10.20 | 15.22 | 19.23 | 23.40 | 30.61 | 37.74 |
| 5.00 | 2.13 | 1.85 | 7.89 | 8.16 | 13.04 | 17.31 | 23.40 | 28.57 | 35.85 |
| 6.00 | 2.13 | 1.85 | 5.26 | 8.16 | 13.04 | 15.38 | 23.40 | 26.53 | 35.85 |

การทดลองอบแห้งกล้วยเล็บมือนาง

อุณหภูมิภายในตู้อบแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | |
|-------|------------------|------|------|------|-------|------------------|
| | 6 | 11 | 15 | 16 | 17 | T _{ave} |
| | Solar | | | | | |
| 9.00 | 52.1 | 50.2 | 49.8 | 47 | 52.65 | 50.35 |
| 12.00 | 58.7 | 57.6 | 59.6 | 56.4 | 57.7 | 58 |
| 15.00 | 63.2 | 59 | 57.3 | 55.2 | 53.4 | 57.62 |
| 18.00 | 50.1 | 42.6 | 42.3 | 40.9 | 41.5 | 43.48 |
| Time | Wood | | | | | |
| 21.00 | 50.6 | 43.1 | 42.8 | 41.2 | 42.1 | 43.96 |
| 24.00 | 51 | 43.4 | 43.2 | 41.5 | 42.5 | 44.32 |
| 3.00 | 51.1 | 43.2 | 43 | 41.3 | 42.3 | 44.18 |
| 6.00 | 51.3 | 43.1 | 43 | 41.3 | 42.2 | 44.18 |
| Time | Solar | | | | | |
| 9.00 | 59.3 | 55.1 | 57.2 | 52.4 | 54.2 | 55.64 |
| 12.00 | 65.3 | 62.1 | 63.8 | 59.1 | 63.4 | 62.74 |
| 15.00 | 68.4 | 58.5 | 59.3 | 54.5 | 64.6 | 61.06 |
| 18.00 | 56.1 | 48.5 | 49.8 | 45.3 | 46.9 | 49.32 |
| Time | Wood | | | | | |
| 21.00 | 54.3 | 44.4 | 45.2 | 43 | 43.4 | 46.06 |
| 24.00 | 54.5 | 44.8 | 45.6 | 43.4 | 43.6 | 46.38 |
| 3.00 | 54.7 | 45 | 45.7 | 43.6 | 43.9 | 46.58 |
| 6.00 | 54.7 | 44.9 | 45.4 | 43.3 | 43.8 | 46.42 |

อุณหภูมิในกองอิฐแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | | | |
|-------|------------------|-------|------|-------|-------|-------|------|------|
| | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 14 |
| | Solar | | | | | | | |
| 9.00 | 170.8 | 61.3 | 50.6 | 64.7 | 79 | 70.6 | 59.8 | 48.2 |
| 12.00 | 207.6 | 65.4 | 52.7 | 64.3 | 80.8 | 69.4 | 63.3 | 49.1 |
| 15.00 | 216.6 | 94.5 | 62.5 | 77.6 | 89.3 | 75.8 | 64.5 | 53.8 |
| 18.00 | 202.6 | 108.1 | 58.1 | 80.2 | 90.6 | 76.9 | 65 | 54.1 |
| Time | Wood | | | | | | | |
| 21.00 | 205.7 | 111.3 | 59.8 | 87.8 | 98.2 | 83.4 | 70.2 | 54.5 |
| 24.00 | 218.3 | 114 | 62.5 | 97 | 109.7 | 95.4 | 78.1 | 56.2 |
| 3.00 | 229.5 | 114.6 | 62 | 102.3 | 112.4 | 99.1 | 82.4 | 56 |
| 6.00 | 237.8 | 118.7 | 61.5 | 106.7 | 116.8 | 102.3 | 85.2 | 55.8 |
| Time | Solar | | | | | | | |
| 9.00 | 241.3 | 120.4 | 61.1 | 113.6 | 121 | 104.3 | 89.6 | 56.1 |
| 12.00 | 236.2 | 123.6 | 65 | 115.8 | 117.1 | 102.2 | 95.1 | 58 |
| 15.00 | 218.7 | 125.1 | 76.8 | 112.2 | 113.1 | 101.6 | 93.1 | 68.9 |
| 18.00 | 199.6 | 122.3 | 77.3 | 109.6 | 106 | 97.3 | 86.3 | 70.4 |
| Time | Wood | | | | | | | |
| 21.00 | 201.3 | 124.4 | 78.1 | 114.4 | 113.9 | 105.2 | 90.2 | 71.4 |
| 24.00 | 211.1 | 126.2 | 80.1 | 118.2 | 117.5 | 108.3 | 96.4 | 72.1 |
| 3.00 | 217.3 | 126.5 | 79.2 | 119.4 | 118.9 | 109.2 | 97.2 | 72.2 |
| 6.00 | 221.6 | 127.6 | 79 | 121.2 | 119.2 | 110.3 | 96.8 | 72 |

มวลของผลิตภัณฑ์ตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Mass of products (g) | | | | | | | | |
|--------------|----------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 9.00 | 31.8 | 30.7 | 31.3 | 34.6 | 30.6 | 31.7 | 35.2 | 30 | 31 |
| 12.00 | 27.7 | 27.3 | 28.4 | 31.2 | 27.1 | 28.3 | 32 | 27.5 | 27.8 |
| 15.00 | 25.1 | 23.5 | 24.9 | 27.6 | 23.8 | 25.1 | 28.9 | 24.4 | 24.2 |
| 18.00 | 23.2 | 22.6 | 24.1 | 26.2 | 22.5 | 23.7 | 27.3 | 23.8 | 23.7 |
| Time | Wood | | | | | | | | |
| 21.00 | 22.8 | 22 | 23.8 | 25.9 | 22.1 | 23.5 | 27 | 23.5 | 23.5 |
| 24.00 | 22.4 | 21.8 | 23.5 | 25.6 | 21.9 | 23.3 | 26.7 | 23.2 | 23.3 |
| 3.00 | 22.2 | 21.7 | 23.2 | 25.2 | 21.7 | 23.1 | 26.3 | 22.9 | 23 |
| 6.00 | 22.1 | 21.6 | 22.9 | 24.8 | 21.5 | 22.9 | 25.9 | 22.6 | 22.7 |
| Time | Solar | | | | | | | | |
| 9.00 | 21.9 | 21.3 | 22.5 | 24.4 | 21.2 | 22.5 | 25.2 | 22.3 | 22.4 |
| 12.00 | 21.7 | 20.9 | 22 | 22.9 | 20.8 | 22.1 | 24.3 | 21.8 | 21.8 |
| 15.00 | 21.6 | 20.9 | 21.6 | 22.7 | 20.6 | 21.8 | 23.8 | 21.7 | 21.4 |
| 18.00 | 21.5 | 20.8 | 21.5 | 22.5 | 20.6 | 21.8 | 23.7 | 21.6 | 21.3 |
| Time | Wood | | | | | | | | |
| 21.00 | 21.5 | 20.8 | 21.4 | 22.2 | 20.6 | 21.8 | 23.6 | 21.5 | 21.2 |
| 24.00 | 21.4 | 20.7 | 21.4 | 22.4 | 20.5 | 21.8 | 23.5 | 21.5 | 21.1 |
| 3.00 | 21.4 | 20.7 | 21.3 | 22.3 | 20.5 | 21.7 | 23.4 | 21.4 | 21 |
| 6.00 | 21.4 | 20.7 | 21.3 | 22.3 | 20.5 | 21.7 | 23.4 | 21.4 | 21 |
| Mass of Tray | 16.4 | 15.8 | 16.7 | 16.4 | 16.2 | 17.3 | 16.3 | 16.8 | 15.6 |
| Dry Mass | 21.3 | 20.6 | 21 | 22 | 20.4 | 21.4 | 23 | 21.1 | 20.5 |

ความชื้นของผลิตภัณฑ์ในภาชนะตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Moisture content (%) | | | | | | | | |
|-------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 9.00 | 214.29 | 210.42 | 239.53 | 225.00 | 242.86 | 251.22 | 182.09 | 206.98 | 214.29 |
| 12.00 | 130.61 | 139.58 | 172.09 | 164.29 | 159.52 | 168.29 | 134.33 | 148.84 | 148.98 |
| 15.00 | 77.55 | 60.42 | 90.70 | 100.00 | 80.95 | 90.24 | 88.06 | 76.74 | 75.51 |
| 18.00 | 38.78 | 41.67 | 72.09 | 75.00 | 50.00 | 56.10 | 64.18 | 62.79 | 65.31 |
| Time | Wood | | | | | | | | |
| 21.00 | 30.61 | 29.17 | 65.12 | 69.64 | 40.48 | 51.22 | 59.70 | 55.81 | 61.22 |
| 24.00 | 22.45 | 25.00 | 58.14 | 64.29 | 35.71 | 46.34 | 55.22 | 48.84 | 57.14 |
| 3.00 | 18.37 | 22.92 | 51.16 | 57.14 | 30.95 | 41.46 | 49.25 | 41.86 | 51.02 |
| 6.00 | 16.33 | 20.83 | 44.19 | 50.00 | 26.19 | 36.59 | 43.28 | 34.88 | 44.90 |
| Time | Solar | | | | | | | | |
| 9.00 | 12.24 | 14.58 | 34.88 | 42.86 | 19.05 | 26.83 | 32.84 | 27.91 | 38.78 |
| 12.00 | 8.16 | 6.25 | 23.26 | 16.07 | 9.52 | 17.07 | 19.40 | 16.28 | 26.53 |
| 15.00 | 6.12 | 6.25 | 13.95 | 12.50 | 4.76 | 9.76 | 11.94 | 13.95 | 18.37 |
| 18.00 | 4.08 | 4.17 | 11.63 | 8.93 | 4.76 | 9.76 | 10.45 | 11.63 | 16.33 |
| Time | Wood | | | | | | | | |
| 21.00 | 4.08 | 4.17 | 9.30 | 3.57 | 4.76 | 9.76 | 8.96 | 9.30 | 14.29 |
| 24.00 | 2.04 | 2.08 | 9.30 | 7.14 | 2.38 | 9.76 | 7.46 | 9.30 | 12.24 |
| 3.00 | 2.04 | 2.08 | 6.98 | 5.36 | 2.38 | 7.32 | 5.97 | 6.98 | 10.20 |
| 6.00 | 2.04 | 2.08 | 6.98 | 5.36 | 2.38 | 7.32 | 5.97 | 6.98 | 10.20 |

การทดลองอบ ไบโมากรูด

อุณหภูมิภายในตู้อบแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | |
|-------|------------------|------|------|------|------|------------------|
| | 6 | 11 | 15 | 16 | 17 | T _{ave} |
| | Solar | | | | | |
| 8.00 | 46.1 | 45.3 | 44.7 | 42.3 | 43.7 | 44.42 |
| 9.00 | 52.1 | 48.1 | 48.3 | 46.1 | 52 | 49.32 |
| 10.00 | 59.3 | 57.8 | 57.5 | 54.9 | 58.9 | 57.68 |
| 11.00 | 61.8 | 59.1 | 57.8 | 55.6 | 60 | 58.86 |
| 12.00 | 65.3 | 61.3 | 58.2 | 56.2 | 61.6 | 60.52 |
| 13.00 | 61.9 | 58.2 | 56.3 | 55.9 | 59.6 | 58.38 |
| 14.00 | 60 | 57.1 | 55.9 | 53.2 | 58.1 | 56.86 |
| 15.00 | 58 | 55.5 | 55 | 50 | 57.2 | 55.14 |

อุณหภูมิในกองอิฐแต่ละตำแหน่ง ณ เวลาต่าง ๆ

| Time | Temperature (°C) | | | | | | | |
|-------|------------------|------|------|------|------|------|------|------|
| | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 14 |
| | Solar | | | | | | | |
| 8.00 | 163 | 70.1 | 50.9 | 65.5 | 75.4 | 62.5 | 57.7 | 49.2 |
| 9.00 | 157.1 | 71.4 | 52.1 | 66 | 74.9 | 63.1 | 59.8 | 50.1 |
| 10.00 | 150.9 | 72.7 | 55.7 | 66.4 | 74.2 | 63.6 | 62.4 | 51.4 |
| 11.00 | 146.3 | 74.1 | 56.1 | 66.1 | 72.4 | 61.7 | 62.3 | 52.1 |
| 12.00 | 136 | 74.7 | 55.2 | 63.2 | 68.1 | 58 | 60.9 | 51.6 |
| 13.00 | 134.8 | 80.1 | 60.2 | 66.9 | 70.3 | 60.9 | 61.1 | 52.2 |
| 14.00 | 133.4 | 87.7 | 65.5 | 70.3 | 72.2 | 63.3 | 61.8 | 53.1 |
| 15.00 | 127.8 | 86.1 | 63.3 | 68 | 69.5 | 60.8 | 57.7 | 52.7 |

มวลของผลิตภัณฑ์ตัวอย่าง 9 ตำแหน่ง ณ เวลาต่าง ๆ

| Time | Mass of products (g) | | | | | | | | |
|--------------|----------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | Solar | | | | | | | | |
| 8.00 | 23.6 | 23.5 | 24 | 23 | 23.9 | 25.1 | 22.8 | 24.6 | 23.8 |
| 9.00 | 22.3 | 22 | 22.8 | 22.3 | 23.3 | 24.6 | 22.2 | 23.8 | 23.3 |
| 10.00 | 20.8 | 20.6 | 21.6 | 21 | 21.8 | 23.4 | 20.9 | 22.6 | 22.2 |
| 11.00 | 19.7 | 19.5 | 20.5 | 19.7 | 20.3 | 22.1 | 19.5 | 21.3 | 20.9 |
| 12.00 | 19.2 | 19 | 19.7 | 19.2 | 19.1 | 21.3 | 18.9 | 20.2 | 19.7 |
| 13.00 | 19.1 | 18.9 | 19.6 | 19 | 19 | 20.9 | 18.8 | 20.1 | 19.2 |
| 14.00 | 19.1 | 18.9 | 19.6 | 19 | 19 | 20.6 | 18.7 | 20.1 | 19 |
| 15.00 | 19.1 | 18.9 | 19.6 | 19 | 19 | 20.6 | 18.7 | 20.1 | 19 |
| Mass of Tray | 16.4 | 15.8 | 16.7 | 16.4 | 16.2 | 17.3 | 16.3 | 16.8 | 15.6 |
| Dry Mass | 19.1 | 18.9 | 19.6 | 19 | 19 | 20.6 | 18.7 | 20.1 | 19 |

