

[illegible]

| Variable                | Descriptive Statistics |           | Normality Test |              | Heteroscedasticity Test |              | Linearity Test |              | Autocorrelation Test |              |
|-------------------------|------------------------|-----------|----------------|--------------|-------------------------|--------------|----------------|--------------|----------------------|--------------|
|                         | Mean                   | Std. Dev. | Shapiro-Wilk   | Significance | Breusch-Pagan           | Significance | F-Statistic    | Significance | Durbin-Watson        | Significance |
| Dependent Variable      | 1.234                  | 0.567     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 1  | 2.345                  | 0.678     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 2  | 3.456                  | 0.789     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 3  | 4.567                  | 0.890     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 4  | 5.678                  | 0.901     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 5  | 6.789                  | 1.012     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 6  | 7.890                  | 1.123     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 7  | 8.901                  | 1.234     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 8  | 9.012                  | 1.345     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 9  | 10.123                 | 1.456     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |
| Independent Variable 10 | 11.234                 | 1.567     | 0.987          | 0.999        | 1.234                   | 0.999        | 1.234          | 0.999        | 1.234                | 0.999        |

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| Time (min) | 100°C      |                | 120°C      |                | 140°C      |                | 160°C      |                | 180°C      |                | 200°C      |                |
|------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
|            | Time (min) | Conversion (%) | Time (min) | Conversion (%) | Time (min) | Conversion (%) | Time (min) | Conversion (%) | Time (min) | Conversion (%) | Time (min) | Conversion (%) |
| 0          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| 10         | 10         | 1.2            | 10         | 1.5            | 10         | 2.1            | 10         | 2.8            | 10         | 3.5            | 10         | 4.2            |
| 20         | 20         | 2.4            | 20         | 3.0            | 20         | 4.2            | 20         | 5.6            | 20         | 7.0            | 20         | 8.4            |
| 30         | 30         | 3.6            | 30         | 4.5            | 30         | 6.3            | 30         | 8.4            | 30         | 10.5           | 30         | 12.6           |
| 40         | 40         | 4.8            | 40         | 6.0            | 40         | 8.4            | 40         | 11.2           | 40         | 14.0           | 40         | 16.8           |
| 50         | 50         | 6.0            | 50         | 7.5            | 50         | 10.5           | 50         | 14.0           | 50         | 17.5           | 50         | 21.0           |
| 60         | 60         | 7.2            | 60         | 9.0            | 60         | 12.6           | 60         | 16.8           | 60         | 21.0           | 60         | 25.2           |
| 70         | 70         | 8.4            | 70         | 10.5           | 70         | 15.7           | 70         | 21.0           | 70         | 26.2           | 70         | 31.3           |
| 80         | 80         | 9.6            | 80         | 12.0           | 80         | 18.9           | 80         | 25.2           | 80         | 30.3           | 80         | 36.4           |
| 90         | 90         | 10.8           | 90         | 13.5           | 90         | 21.0           | 90         | 29.4           | 90         | 35.4           | 90         | 42.5           |
| 100        | 100        | 12.0           | 100        | 15.0           | 100        | 23.1           | 100        | 33.6           | 100        | 40.5           | 100        | 48.6           |

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