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Table S1. The code for the developed software in Arduino® language used for controlling the solenoid valve.

```
//Software for solenoid valve control
int valvePin = 3; //valve
void setup()
{pinMode (3, OUTPUT);
void loop ()
{digitalWrite (3, HIGH); //open valve
delay (110000);
digitalWrite (3, LOW); //close valve
delay (20000);
for (int i=0; i<=5; i++) //creates sampling cycle
{digitalWrite (3, HIGH); //open valve
delay (10000); //Sample nebulization
digitalWrite (3, LOW); //close valve
delay (20000); //Clean-up
}
}
```