

PCR Kit Quality Control Certificate

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|--------------------------------|
| Pathogen |
| <i>Candidatus liberibacter</i> |

Table 1: Concentration in ng/μL of the sample control and its dilutions.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 1×10^{-1} | 1×10^{-2} | 1×10^{-3} | 1×10^{-4} | 1×10^{-5} | 1×10^{-6} | 1×10^{-7} | 1×10^{-8} | 1×10^{-9} |
| N° of copies | 1×10^8 | 1×10^7 | 1×10^6 | 1×10^5 | 1×10^4 | 1×10^3 | 1×10^2 | 1×10^1 | 1×10^0 |

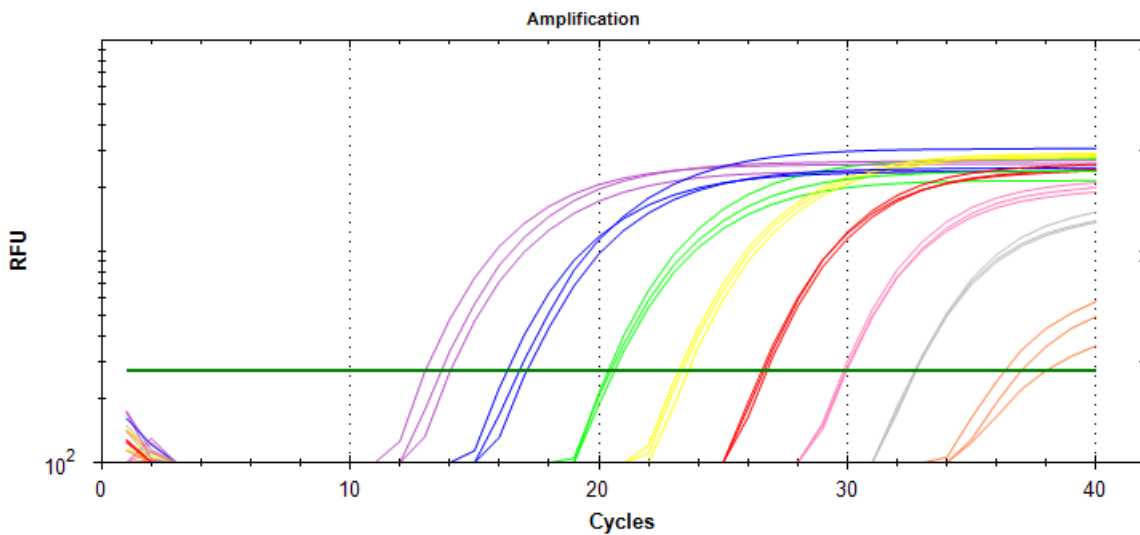


Figure 1: Logarithmic amplification curves for *Candidatus liberibacter*

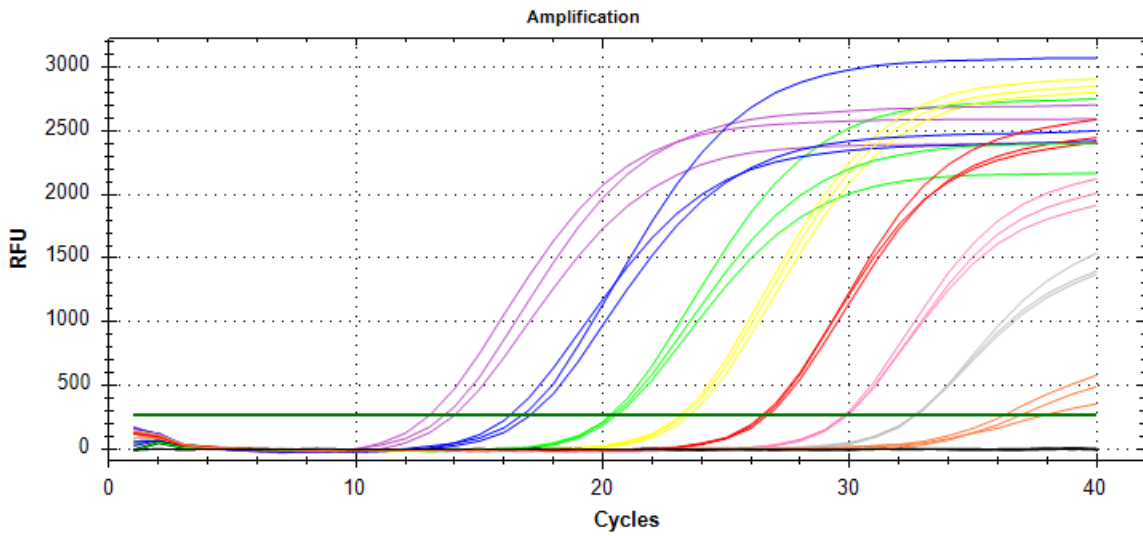


Figure 2: Standard amplification curves for *Candidatus liberibacter*

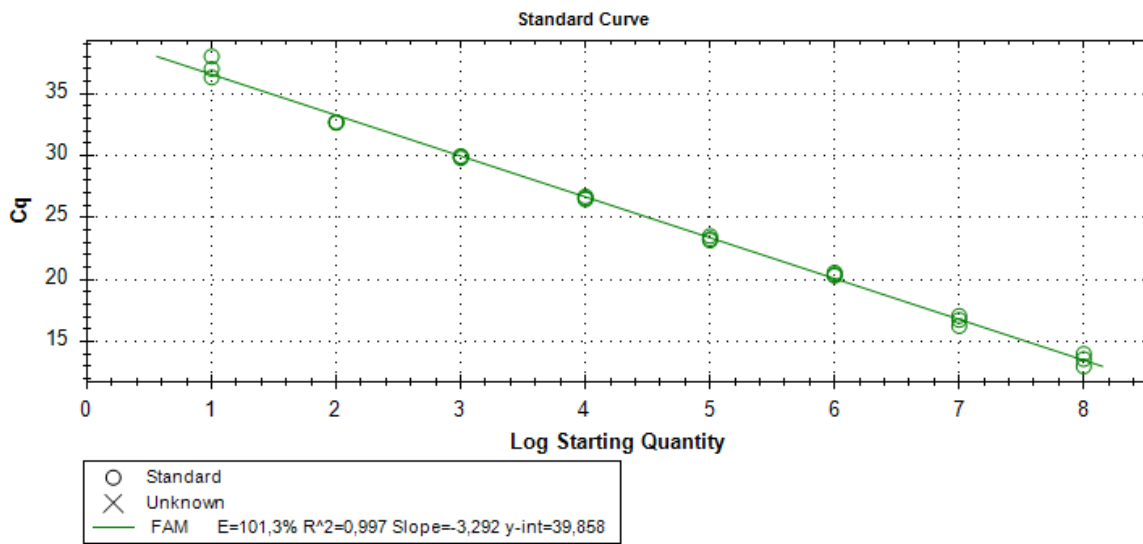


Figure 3: Standard curve for *Candidatus liberibacter*

Summary of Ct values

Table 2: Ct values obtained for each dilution of the sample control.

| Target Name | Sample Name | Reporter | Ct values |
|--------------------------------|------------------|----------|--------------|
| <i>Candidatus liberibacter</i> | 1 | FAM | 14,04 |
| | 2 | FAM | 16,29 |
| | 3 | FAM | 20,43 |
| | 4 | FAM | 23,53 |
| | 5 | FAM | 26,74 |
| | 6 | FAM | 29,32 |
| | 7 | FAM | 32,64 |
| | 8 | FAM | 36,36 |
| | Negative Control | FAM | Undetermined |