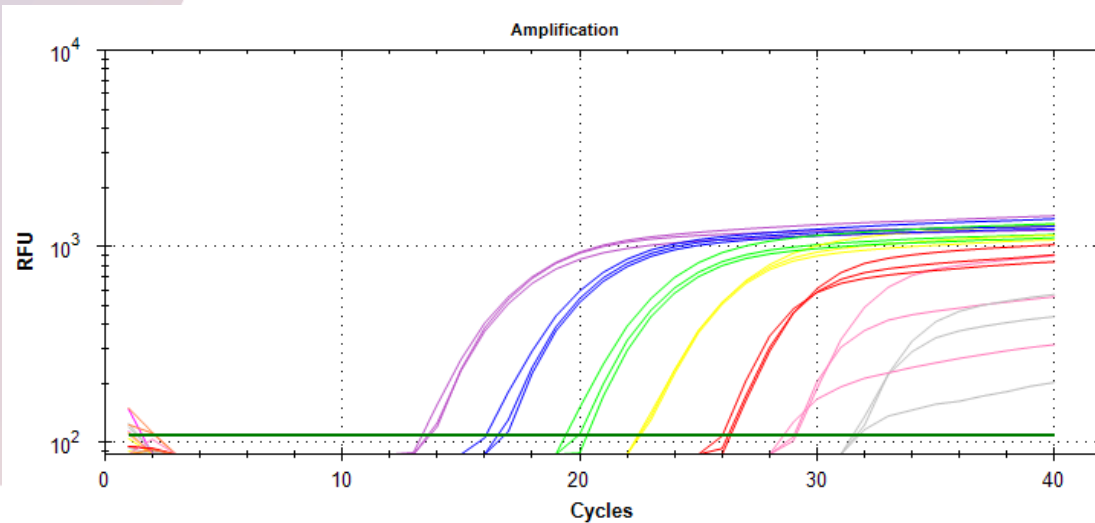


# PCR Kit Quality Control Certificate

Pathogen
<i>Pectobacterium carotovorum</i>

**Table 1: Concentration in ng/ $\mu$ L of the sample control and its dilutions.**

	1	2	3	4	5	6	7	8
	$1 \times 10^{-1}$	$1 \times 10^{-2}$	$1 \times 10^{-3}$	$1 \times 10^{-4}$	$1 \times 10^{-5}$	$1 \times 10^{-6}$	$1 \times 10^{-7}$	$1 \times 10^{-8}$
N <sup>o</sup> of copies	$1 \times 10^8$	$1 \times 10^7$	$1 \times 10^6$	$1 \times 10^5$	$1 \times 10^4$	$1 \times 10^3$	$1 \times 10^2$	$1 \times 10^1$



**Figure 1: Logarithmic amplification curves for *Pectobacterium carotovorum***

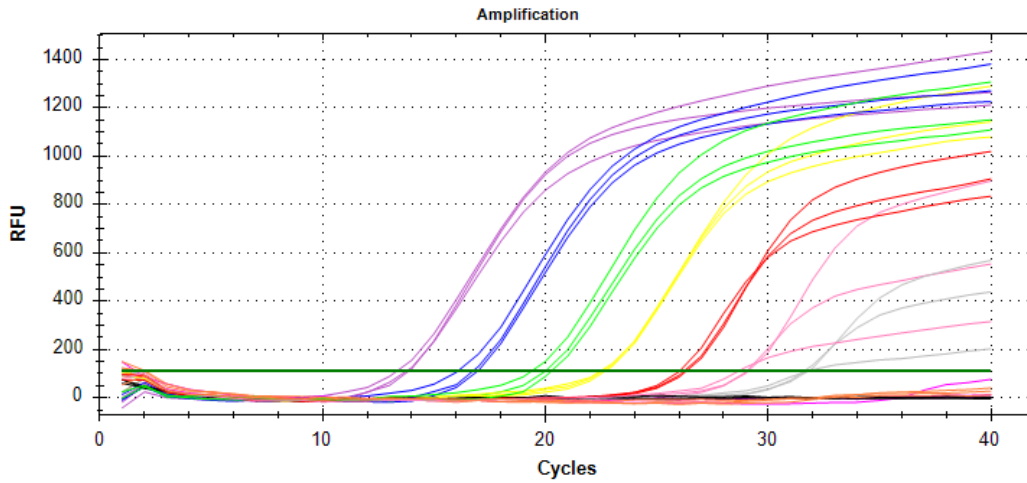


Figure 2: Standard amplification curves for *Pectobacterium carotovorum*

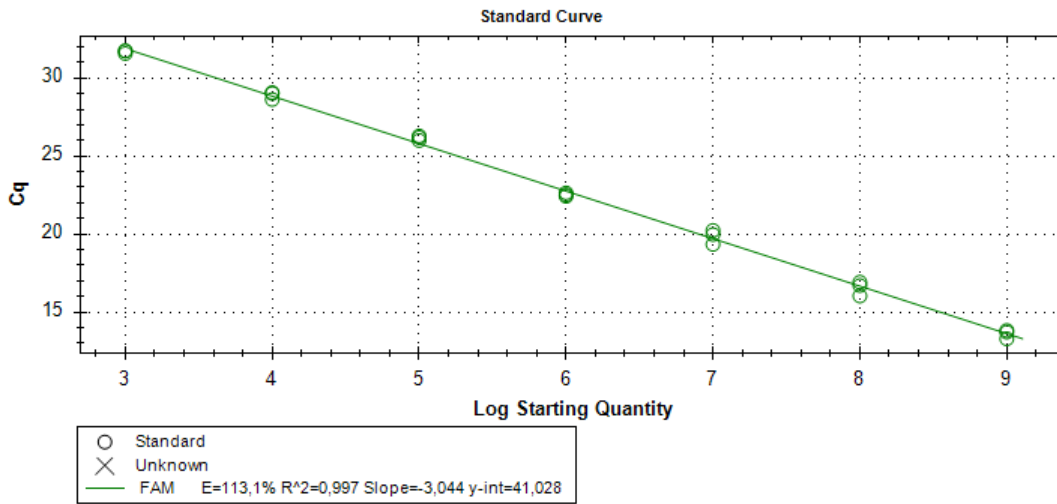


Figure 3: Standard curve for *Pectobacterium carotovorum*

## Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Pectobacterium carotovorum</i>	1	FAM	13,83
	2	FAM	16,93
	3	FAM	19,35
	4	FAM	22,65
	5	FAM	26,01
	6	FAM	28,63
	7	FAM	31,75
	8	FAM	-
	Negative Control	FAM	Undetermined

Certificate validated by:

**BQ. Benjamín Catalán - BQ. Rodrigo Iturra Barra**  
**Quality Control Managers**