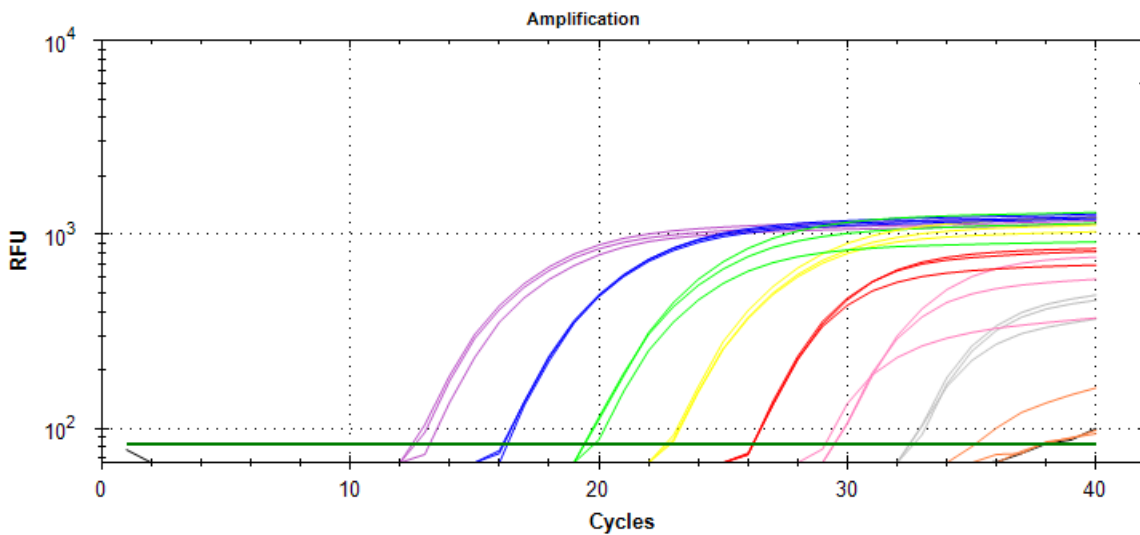


# PCR Kit Quality Control Certificate

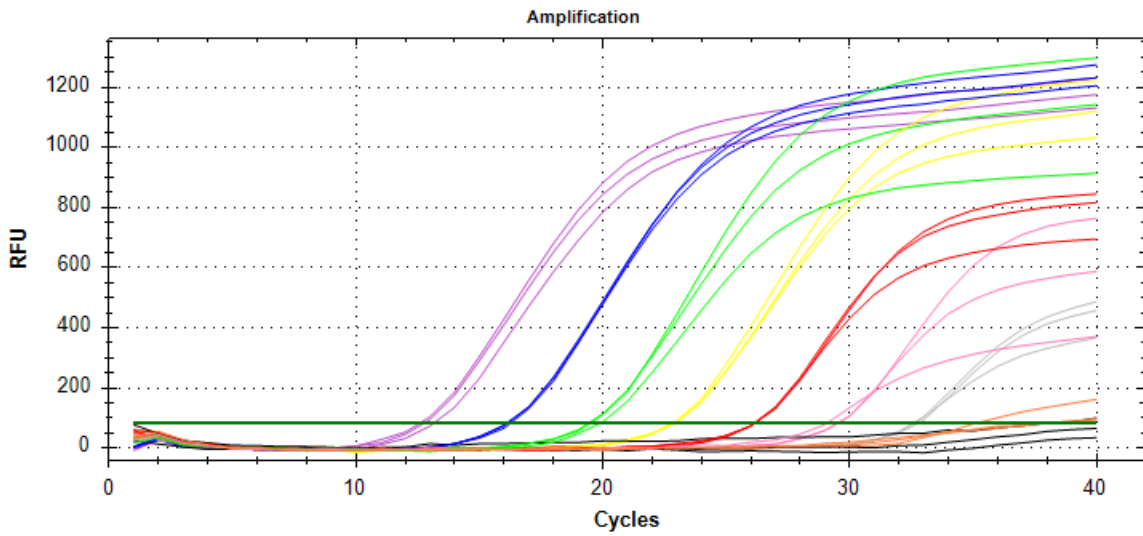
Pathogen
<i>Aphelenchoides rizemabosi</i>

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

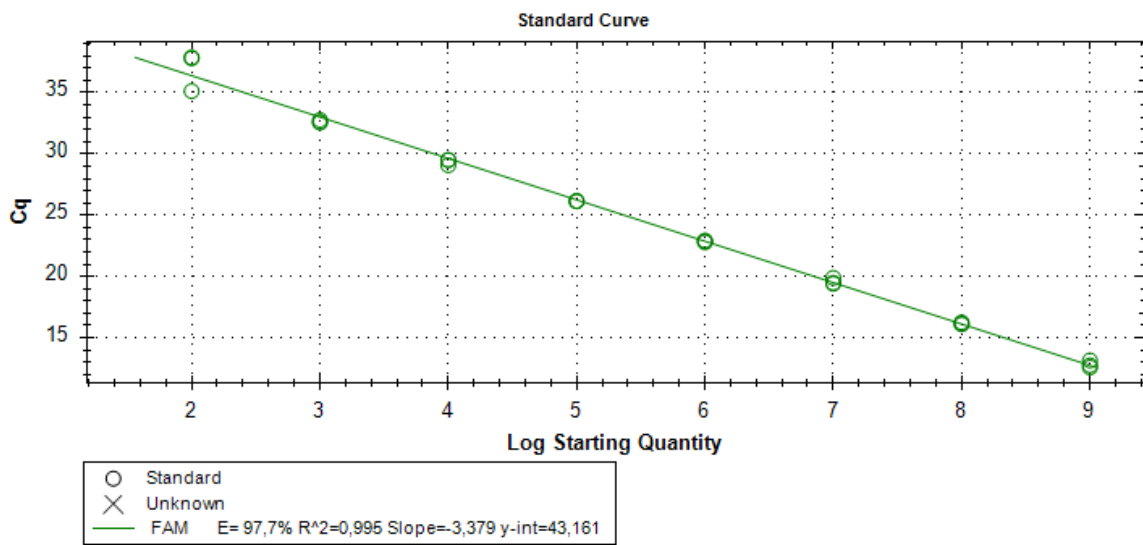
	1	2	3	4	5	6	7	8
	$1 \times 10^{-1}$	$1 \times 10^{-2}$	$1 \times 10^{-3}$	$1 \times 10^{-4}$	$1 \times 10^{-5}$	$1 \times 10^{-6}$	$1 \times 10^{-7}$	$1 \times 10^{-8}$
N° of copies	$1 \times 10^8$	$1 \times 10^7$	$1 \times 10^6$	$1 \times 10^5$	$1 \times 10^4$	$1 \times 10^3$	$1 \times 10^2$	$1 \times 10^1$



**Figure 1: Logarithmic amplification curves for *Aphelenchoides rizemabosi***



*Figure 2: Standard amplification curves for Aphelenchoides rizemabosi*



*Figure 3: Standard curve for Aphelenchoides rizemabosi*

## Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Aphelenchoides rizemabosi</i>	1	FAM	13,16
	2	FAM	16,26
	3	FAM	19,49
	4	FAM	22,94
	5	FAM	26,16
	6	FAM	29,09
	7	FAM	32,6
	8	FAM	35,14
	Negative Control	FAM	Undetermined

Certificate validated by:

**BQ. Benjamín Catalán - BQ. Rodrigo Iturra Barra**

**Quality Control Managers**