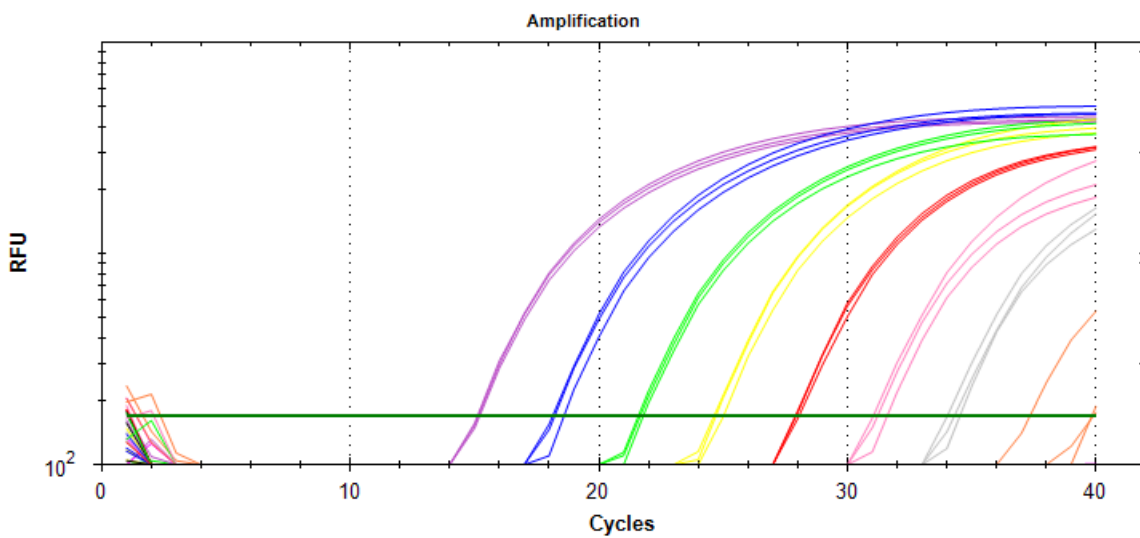


# PCR Kit Quality Control Certificate

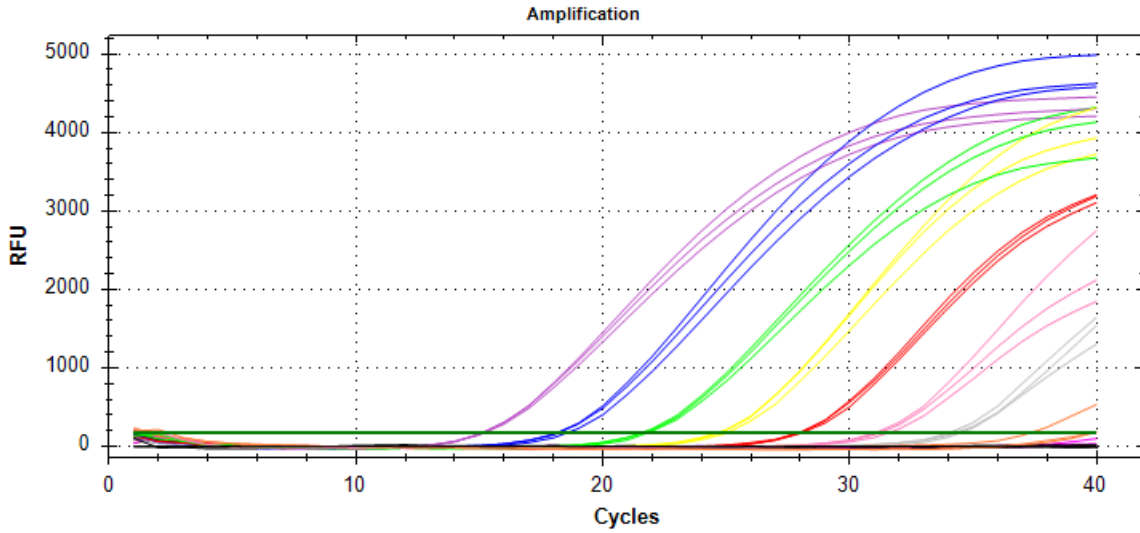
Pathogen
<i>Tomato Spotted Wilt Virus</i>

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

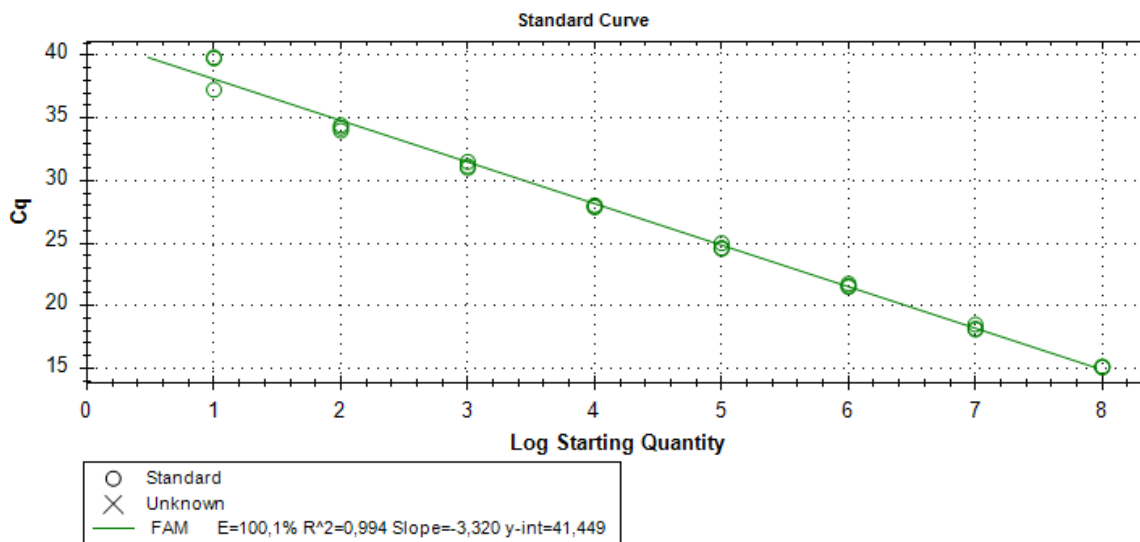
	1	2	3	4	5	6	7	8
	$1 \times 10^{-1}$	$1 \times 10^{-2}$	$1 \times 10^{-3}$	$1 \times 10^{-4}$	$1 \times 10^{-5}$	$1 \times 10^{-6}$	$1 \times 10^{-7}$	$1 \times 10^{-8}$
N° of copies	$1 \times 10^8$	$1 \times 10^7$	$1 \times 10^6$	$1 \times 10^5$	$1 \times 10^4$	$1 \times 10^3$	$1 \times 10^2$	$1 \times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



**Figure 1: Logarithmic amplification curves for Tomato Spotted Wilt Virus**



**Figure 2: Standard amplification curves for Tomato Spotted Wilt Virus**



**Figure 3: Standard curve for Tomato Spotted Wilt Virus**

## Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Tomato Spotted Wilt Virus</i>	1	FAM	15,15
	2	FAM	18,50
	3	FAM	21,58
	4	FAM	25,00
	5	FAM	28,03
	6	FAM	31,51
	7	FAM	34,43
	8	FAM	37,27
	Negative Control	FAM	Undetermined