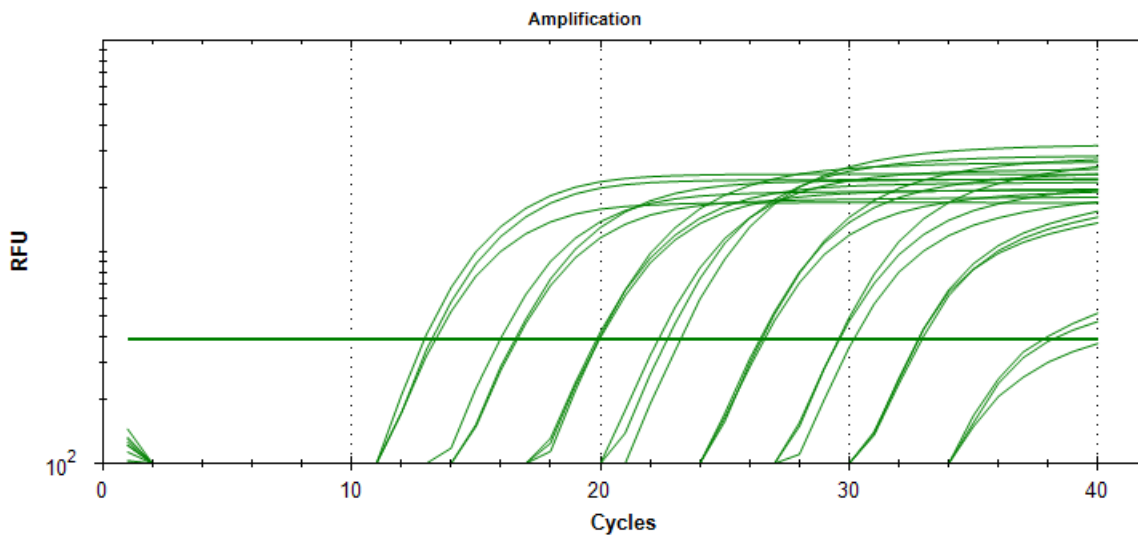


PCR Kit Quality Control Certificate

Gene
<i>sul1</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 *sul1**

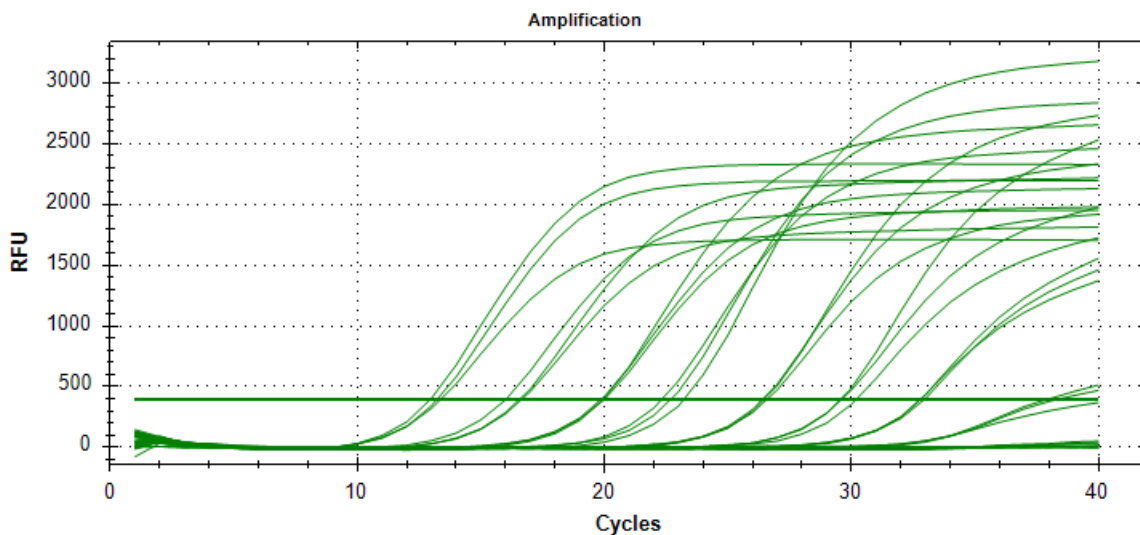


Figure 2: Standard amplification curves for *sul1*

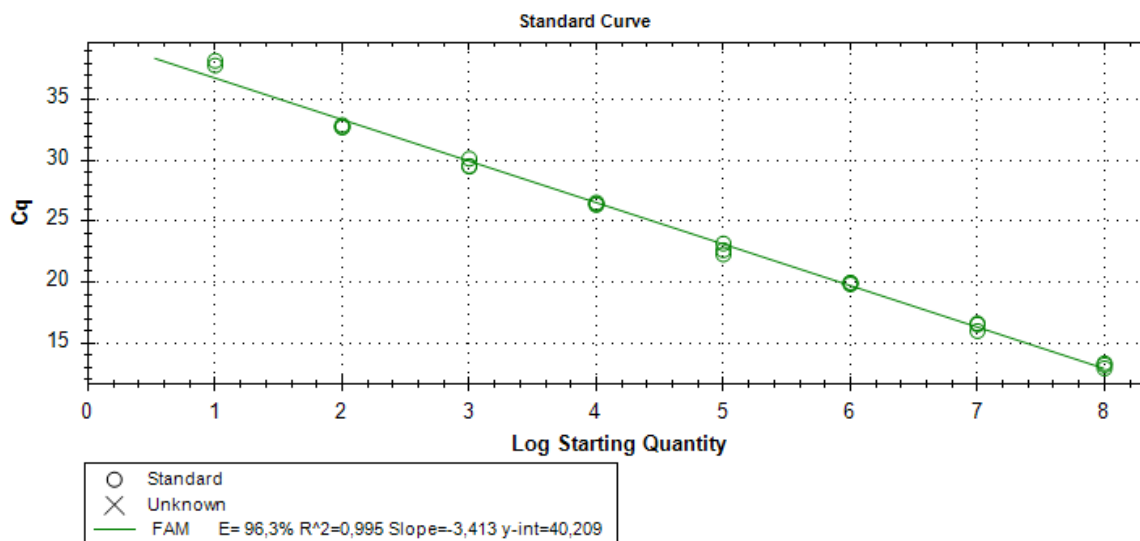


Figure 3: Standard curve for *sul1*

Gene
<i>sul2</i>

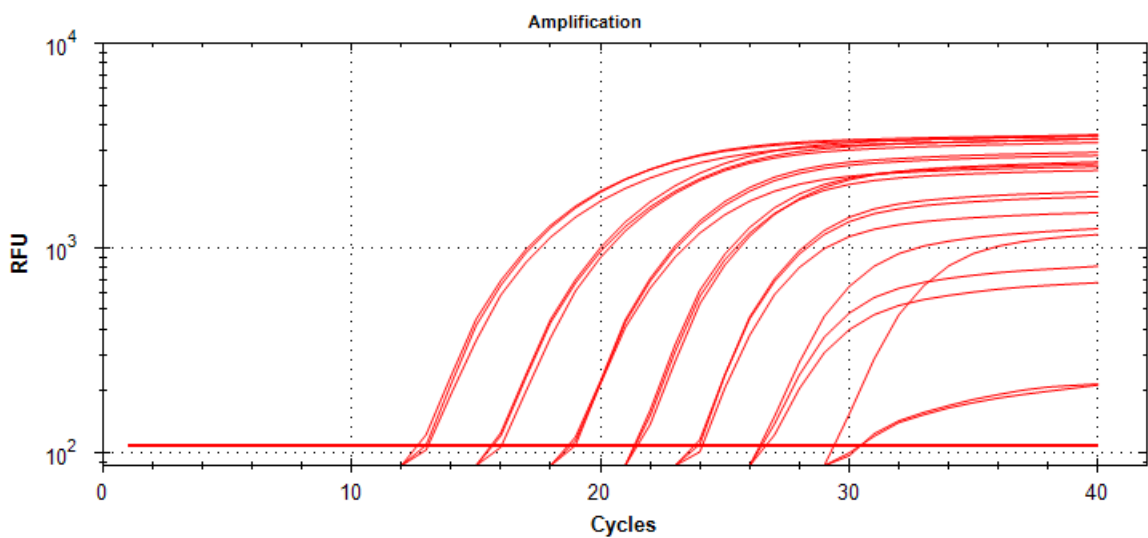


Figure 4: Logarithmic amplification curves for *sul2*

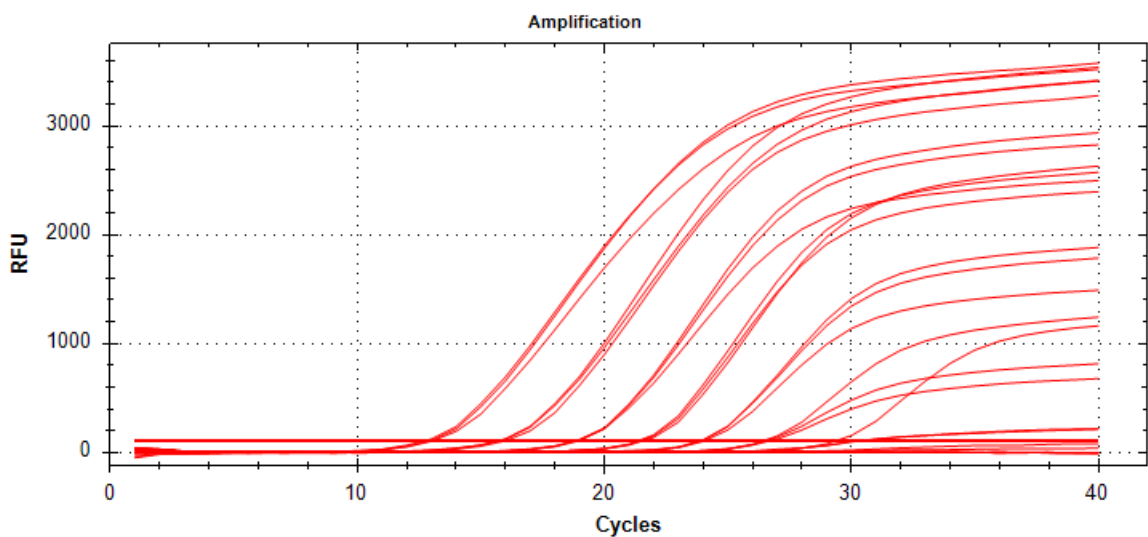


Figure 5: Standard amplification curves for *sul2*

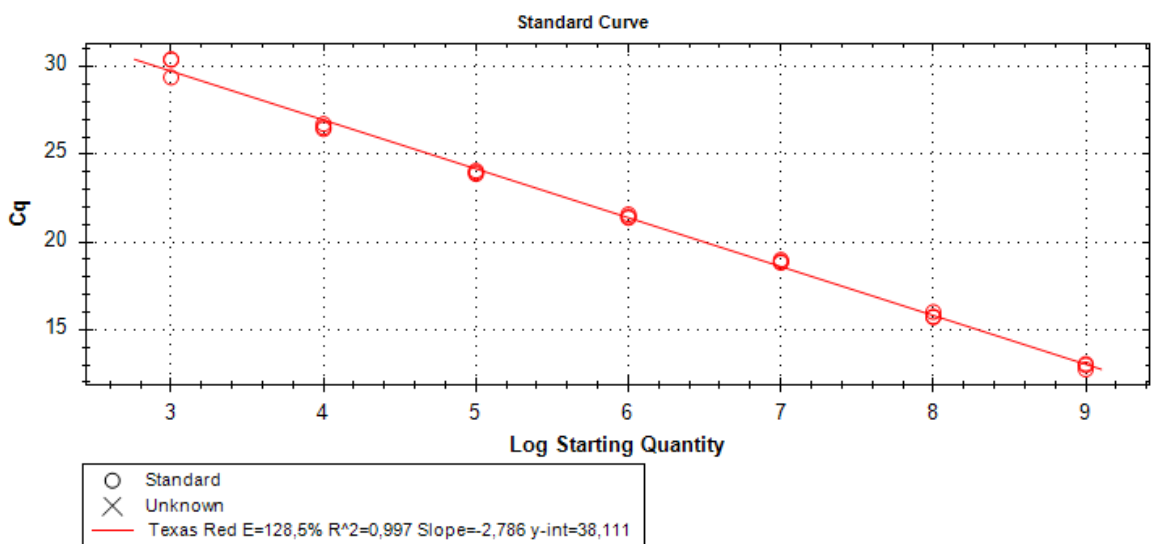


Figure 6: Standard curve for *sul2*

Gene
<i>sul3</i>

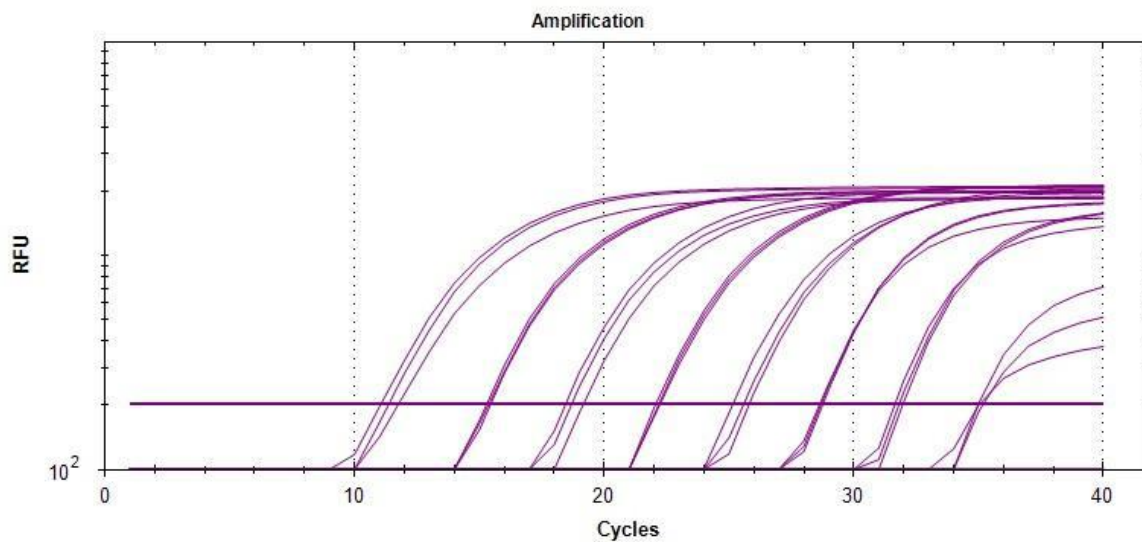


Figure 7: Logarithmic amplification curves for *sul3*

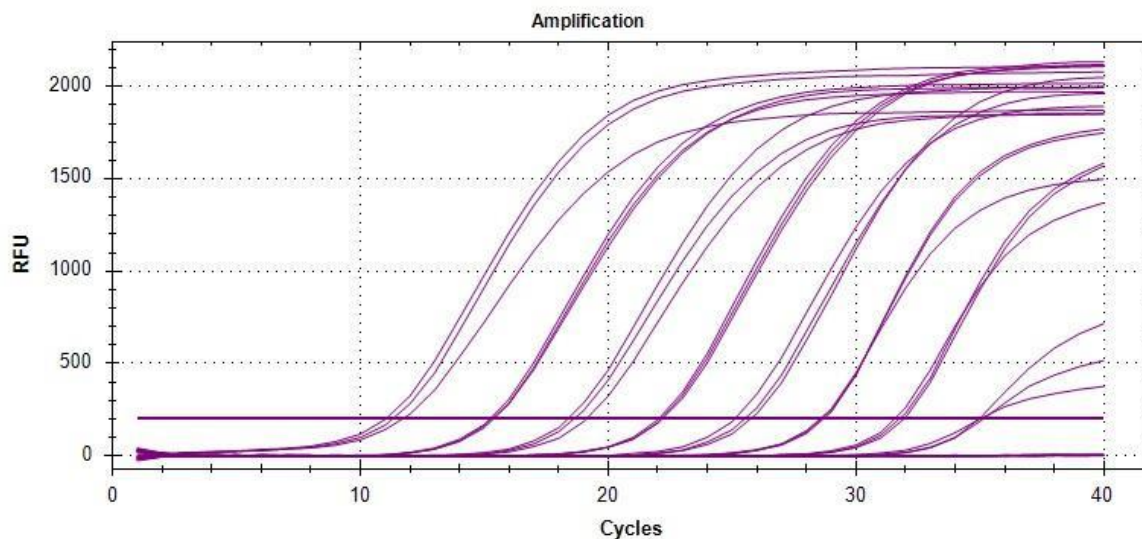


Figure 8: Standard amplification curves for *sul3*

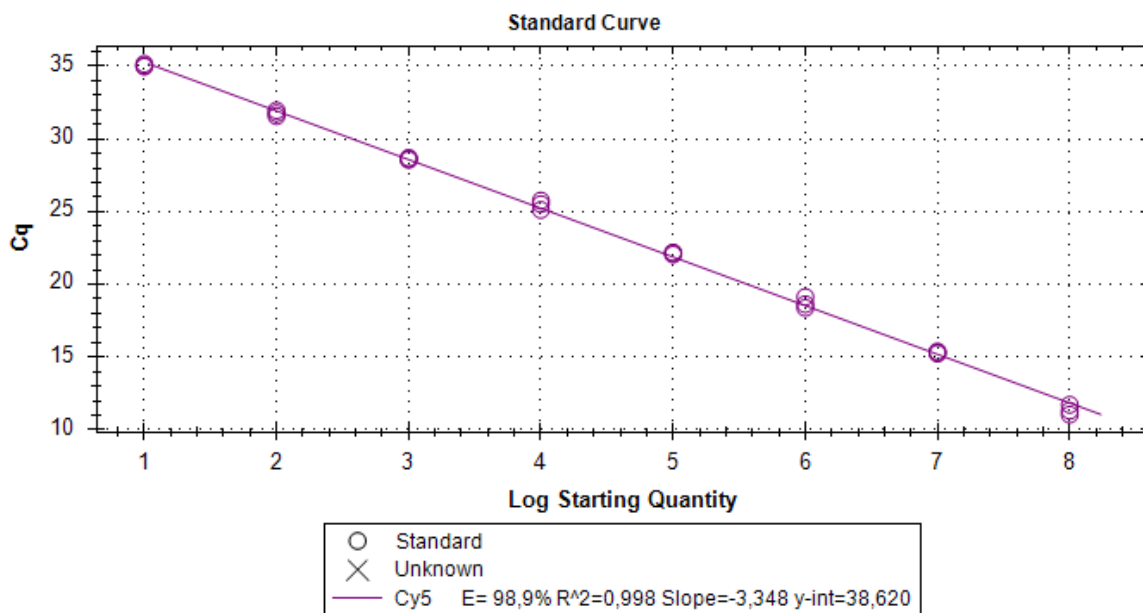


Figure 9: Standard curve for *sul3*

Gene
<i>dfrA</i>

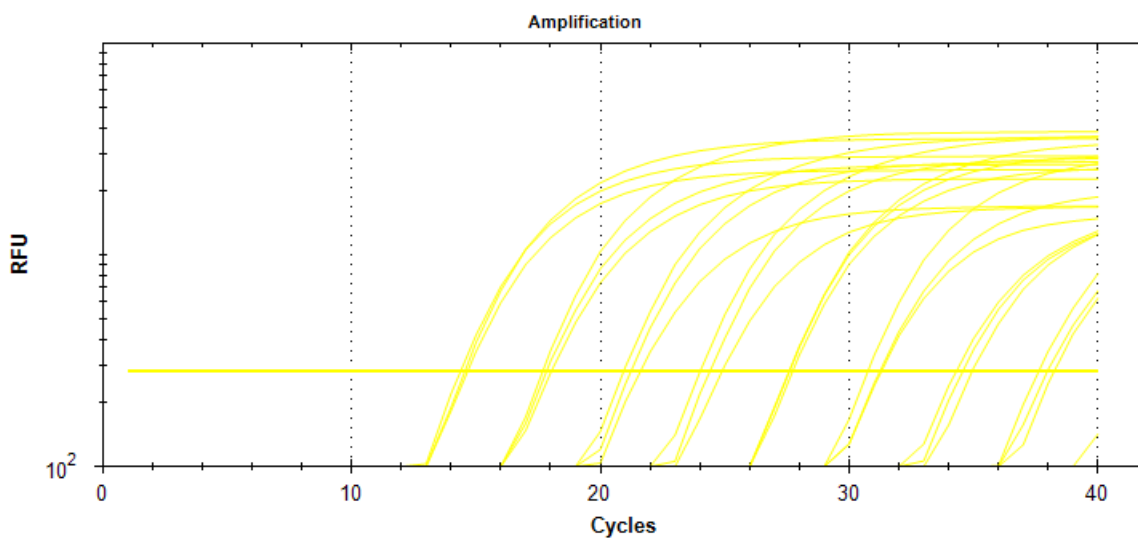


Figure 10: Logarithmic amplification curves for dfrA

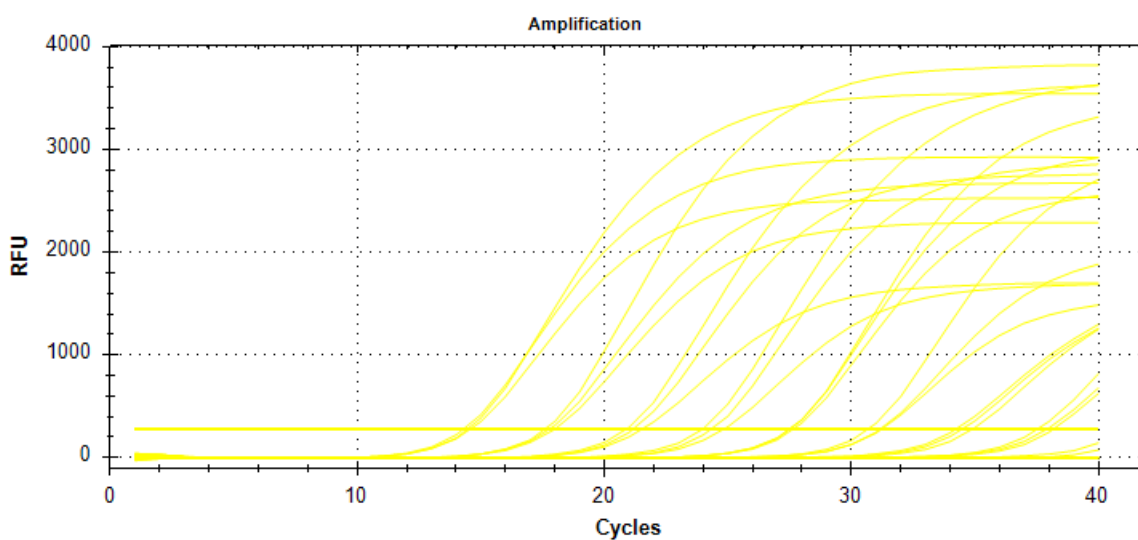


Figure 11: Standard amplification curves for dfrA

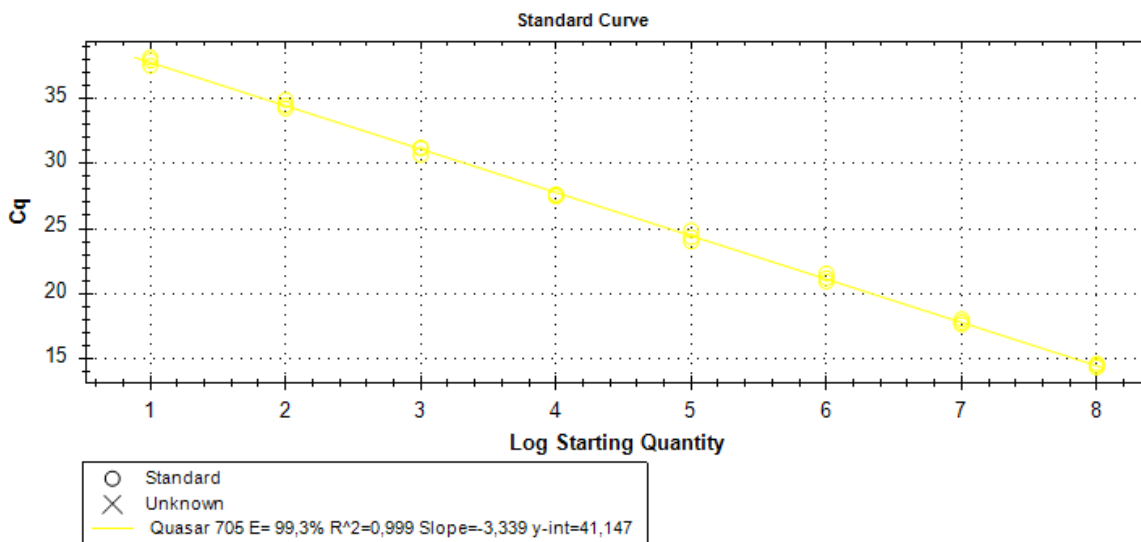


Figure 12: Standard curve for *dfrA*

Summary of Ct values

The following table details the Ct values obtained for each sample and fluorophore of each kit of the order.

Target Name	Sample Name	Reporter	Ct values
<i>sul1</i>	1	FAM	13,34
	2	FAM	16,53
	3	FAM	19,83
	4	FAM	23,19
	5	FAM	26,44
	6	FAM	30,17
	7	FAM	32,75
	8	FAM	37,84
	Negative Control	FAM	Undetermined

<i>sul2</i>	1	ROX	13,05
	2	ROX	16,02
	3	ROX	18,82
	4	ROX	21,58
	5	ROX	24,07
	6	ROX	26,74
	7	ROX	30,42
	8	ROX	-
	Negative Control	ROX	Undetermined

Target Name	Sample Name	Reporter	Ct values
<i>sul3</i>	1	CY5	12,51
	2	CY5	17,1
	3	CY5	20,65
	4	CY5	24,64
	5	CY5	27,09
	6	CY5	29,77
	7	CY5	32,69
	8	CY5	35,37
	Negative Control	CY5	Undetermined

<i>dfrA</i>	1	CY5.5	12,01
	2	CY5.5	15,29
	3	CY5.5	18,6
	4	CY5.5	21,99
	5	CY5.5	24,8
	6	CY5.5	28,52
	7	CY5.5	31,28
	8	CY5.5	33,59
	Negative Control	CY5.5	Undetermined