

PCR Kit Quality Control Certificate

Pathogen
<i>Microcystis</i>

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

	1	2	3	4	5	6	7	8
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}
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

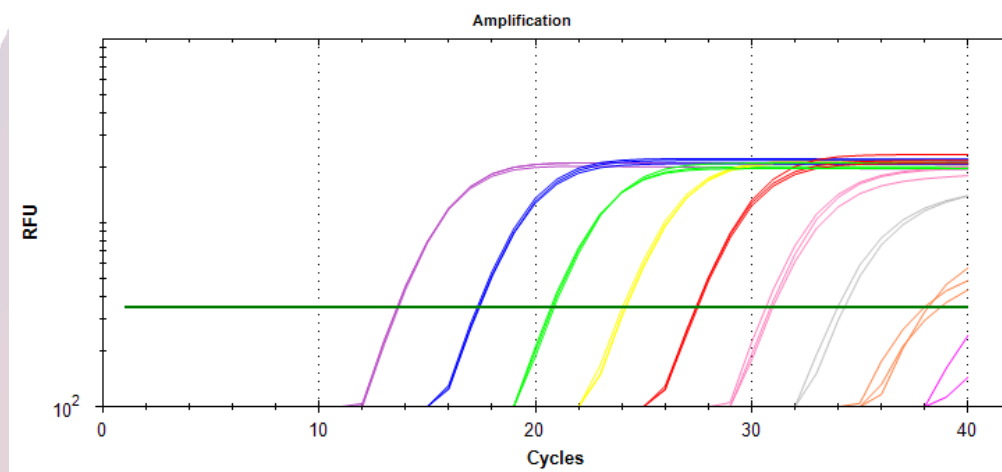


Figure 1: Logarithmic amplification curves for *Microcystis*

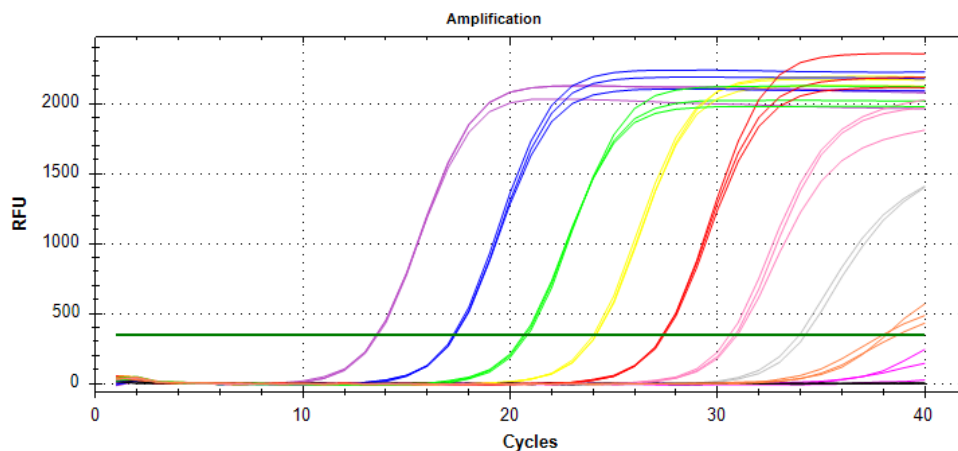


Figure 2: Standard amplification curves for Microcystis

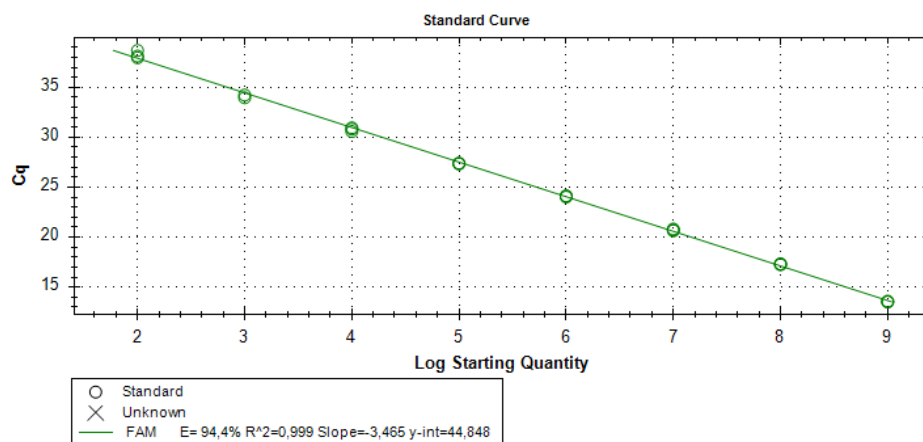


Figure 3: Standard curve for Microcystis

Summary of Ct values

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

Target Name	Sample Name	Reporter	Ct values
<i>Microcystis</i>	1	FAM	13,53
	2	FAM	17,31
	3	FAM	20,83
	4	FAM	24,14
	5	FAM	27,36
	6	FAM	30,96
	7	FAM	34,23
	8	FAM	37,97
	Negative Control	FAM	Undetermined

Certificate validated by:

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Quality Control Managers

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