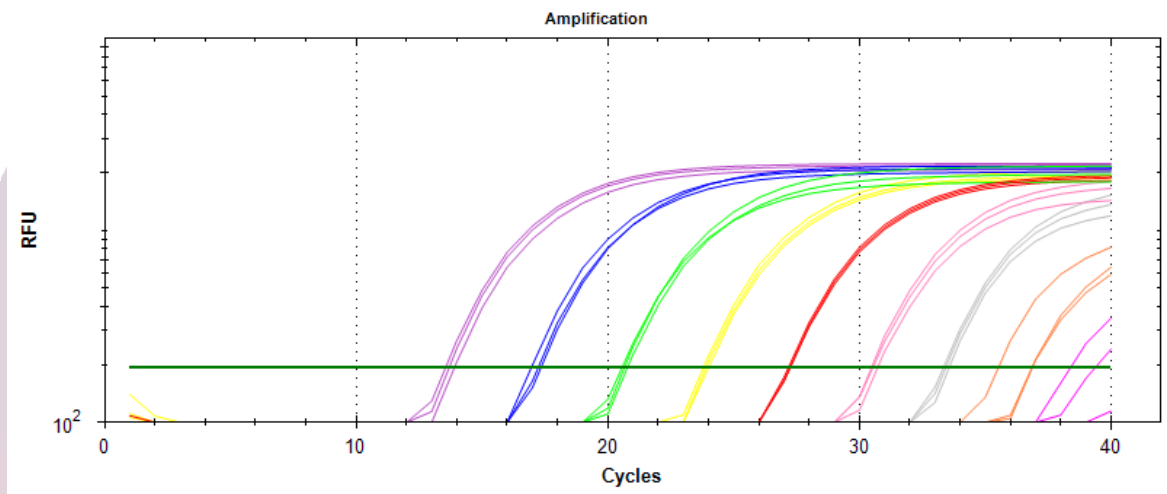


# PCR Kit Quality Control Certificate

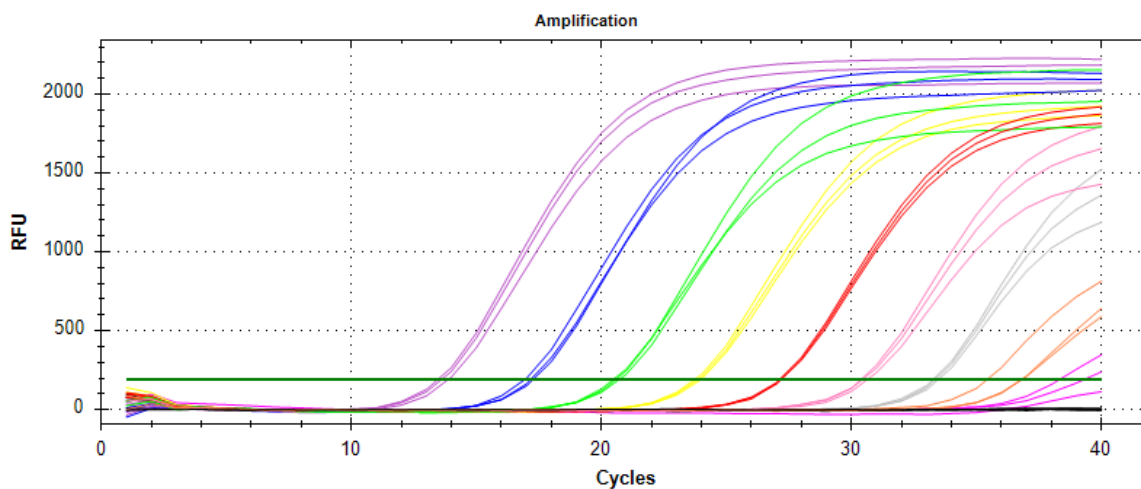
| Pathogen                  |
|---------------------------|
| <i>Vibrio anguillarum</i> |

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

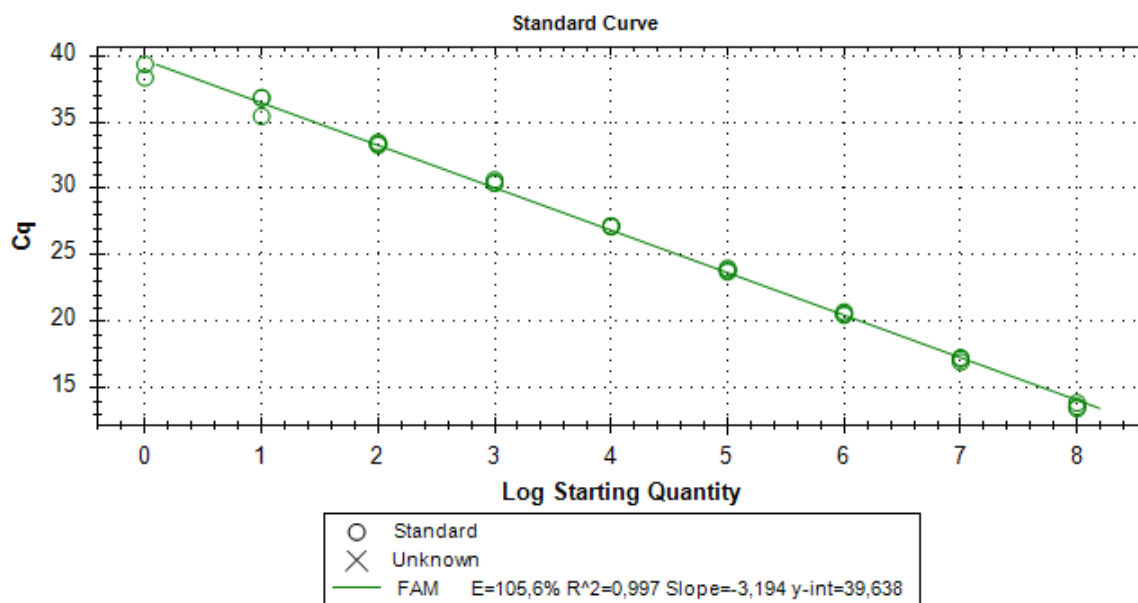
|              | 1                  | 2                  | 3                  | 4                  | 5                  | 6                  | 7                  | 8                  |
|--------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|              | $1 \times 10^{-1}$ | $1 \times 10^{-2}$ | $1 \times 10^{-3}$ | $1 \times 10^{-4}$ | $1 \times 10^{-5}$ | $1 \times 10^{-6}$ | $1 \times 10^{-7}$ | $1 \times 10^{-8}$ |
| 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 *Vibrio anguillarum***



**Figure 2: Standard amplification curves for *Vibrio anguillarum***



**Figure 3: Standard curve for *Vibrio anguillarum***

### Summary of Ct values

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

| Target Name               | Sample Name      | Reporter | Ct values    |
|---------------------------|------------------|----------|--------------|
| <i>Vibrio anguillarum</i> | 1                | FAM      | 13,88        |
|                           | 2                | FAM      | 16,96        |
|                           | 3                | FAM      | 20,58        |
|                           | 4                | FAM      | 24,01        |
|                           | 5                | FAM      | 27,18        |
|                           | 6                | FAM      | 30,65        |
|                           | 7                | FAM      | 33,27        |
|                           | 8                | FAM      | 36,81        |
|                           | Negative Control | FAM      | Undetermined |

Certificate validated by:

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

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**F-020/ 07**  
**31/07/2026**