



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4644

Target pathogen: Hop Latent Viroid

06 February 2026



**Order details:**

**Client:** Kaprikorn  
**Target Pathogen:** Hop Latent Viroid  
**Date Sampled:** 02/04/2026  
**Date Received:** 02/05/2026  
**Date Reported:** 02/06/2026  
**Total samples:** 25

**NUMBER SAMPLES INFECTED:** 0

**Results interpretation:**

**C<sub>T</sub> (cycle threshold)** - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.

**Control** - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.

FRESH: <24 - 27 C<sub>T</sub>  
EXCELLENT: 27 - 30 C<sub>T</sub>  
GREAT: 30 - 32 C<sub>T</sub>  
OKAY: 32 - 35 C<sub>T</sub>  
FAIL: >35 C<sub>T</sub>

**HLVd** - Detection C<sub>T</sub> and relative amount of HLVd in the sample:

HIGH: <15 - 20 C<sub>T</sub>  
MEDIUM: 21 - 28 C<sub>T</sub>  
LOW: 29 - <35 C<sub>T</sub>  
INCONCLUSIVE: >35 C<sub>T</sub>

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	23.8	-	+
.Positive Control 2	-	-	22.02	+
Acai Gelato 48078	28.14	-	-	-
Acai Gelato 48079	29.16	-	-	-
Acai Gelato 48080	29.03	-	-	-
Acai Gelato 48081	30.39	-	-	-
Acai Gelato 48082	28.58	-	-	-
Acai Gelato 48083	29.07	-	-	-
Ego Checker 48093	29.16	-	-	-
Ego Checker 48094	31.43	-	-	-
Ego Checker 48095	30.34	-	-	-
Ego Checker 48096	31.57	-	-	-
Headlights 48097	29.08	-	-	-
Headlights 48098	30.38	-	-	-
Headlights 48099	30.13	-	-	-
Headlights 48100	30.43	-	-	-
Honey Banana 47959	29.77	-	-	-
Honey Banana 47960	30.12	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Honey Banana 47961	29.98	-	-	-
Kozeto 48121	27.91	-	-	-
Kozeto 48122	28.48	-	-	-
Kozeto 48123	26.91	-	-	-
Kozeto 48124	30.09	-	-	-
Lemon Cherry Gelato 48105	30.11	-	-	-
Lemon Cherry Gelato 48106	30.2	-	-	-
Lemon Cherry Gelato 48107	28.81	-	-	-
Lemon Cherry Gelato 48108	28.62	-	-	-

**Amplification Plots:**

RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2







