



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:** 33

**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	-	24.51	-	+
.Positive Control 2	-	-	23.9	+
Mule Fuel 48117	30.89	-	-	-
Mule Fuel 48118	29.64	-	-	-
Mule Fuel 48119	30.26	-	-	-
Mule Fuel 48120	30.61	-	-	-
Purple Milk 48071	30.21	-	-	-
Purple Milk 48072	29.32	-	-	-
Purple Milk 48073	30.09	-	-	-
Purple Milk 48074	29.26	-	-	-
Purple Milk 48075	30.36	-	-	-
Purple Milk 48076	29.84	-	-	-
Purple Milk 48077	29.59	-	-	-
Purple Planet 47979	27.34	-	-	-
Spritzer 48101	30.99	-	-	-
Spritzer 48102	29.4	-	-	-
Spritzer 48103	30	-	-	-
Spritzer 48104	28.35	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Sticky Buns 48089	30.15	-	-	-
Sticky Buns 48090	30.47	-	-	-
Sticky Buns 48091	31.87	-	-	-
Sticky Buns 48092	29.88	-	-	-
Tropical Slushie 48129	29.35	-	-	-
Tropical Slushie 48130	28.1	-	-	-
Tropical Slushie 48131	29.67	-	-	-
Tropical Slushie 48132	29.87	-	-	-
Tropicanna Cherries 48084	31.07	-	-	-
Tropicanna Cherries 48085	30.62	-	-	-
Tropicanna Cherries 48086	30.16	-	-	-
Tropicanna Cherries 48087	30.1	-	-	-
Tropicanna Cherries 48088	29.84	-	-	-
White Choc Chip 48109	29.04	-	-	-
White Choc Chip 48110	28.52	-	-	-
White Choc Chip 48111	29.11	-	-	-
White Choc Chip 48112	29.82	-	-	-

**Amplification Plots:**

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









