



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4437

Target pathogen: Hop Latent Viroid

02 October 2025

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/01/2025**Date Received:** 10/02/2025**Date Reported:** 10/02/2025**Total samples:** 50**NUMBER SAMPLES INFECTED:** 0**Results interpretation:****C_T (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_TEXCELLENT: 27 - 30 C_TGREAT: 30 - 32 C_TOKAY: 32 - 35 C_TFAIL: >35 C_T**HLVd** - Detection C_T and relative amount of HLVd in the sample:HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	23.09	-	+
.Positive 2	-	-	23.97	+
100 Rackz 47552	26.1	-	-	-
100 Rackz 47553	24.12	-	-	-
100 Rackz 47554	28.1	-	-	-
100 Rackz 47647	29.12	-	-	-
Acai Gelato 47555	23.6	-	-	-
Acai Gelato 47556	26.54	-	-	-
Acai Gelato 47557	27.82	-	-	-
Acai Gelato 47558	26.17	-	-	-
Acai Gelato 47559	29.67	-	-	-
Apple Tartz 47544	26.71	-	-	-
Apple Tartz 47545	29.1	-	-	-
Apple Tartz 47546	25.74	-	-	-
Apple Tartz 47547	24.24	-	-	-
Apple Tartz 47548	26.4	-	-	-
Apple Tartz 47549	27.11	-	-	-
Apple Tartz 47550	26.32	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Blue Dream 47537	27.82	-	-	-
Blue Dream 47538	27.26	-	-	-
Blue Dream 47539	26.97	-	-	-
Blue Dream 47540	26.57	-	-	-
Blue Dream 47541	25.18	-	-	-
Blue Dream 47542	26.43	-	-	-
Blue Dream 47543	26.92	-	-	-
Blumosa 47533	26	-	-	-
Blumosa 47534	25.15	-	-	-
Blumosa 47535	27.7	-	-	-
Blumosa 47536	25.28	-	-	-
Cadillac Rainbows 47529	28.35	-	-	-
Cadillac Rainbows 47530	25.13	-	-	-
Cadillac Rainbows 47531	26.01	-	-	-
Cadillac Rainbows 47532	24.49	-	-	-
Chicken & Waffles 47524	27.82	-	-	-
Chicken & Waffles 47525	29.58	-	-	-
Chicken & Waffles 47526	27.2	-	-	-
Chicken & Waffles 47527	26.67	-	-	-
Chicken & Waffles 47528	27.57	-	-	-
Clark Griswold 47517	26.21	-	-	-
Clark Griswold 47518	29.12	-	-	-
Clark Griswold 47519	26.04	-	-	-
Clark Griswold 47520	26.97	-	-	-
Clark Griswold 47521	26.13	-	-	-
Clark Griswold 47522	27.04	-	-	-
Clark Griswold 47523	29.16	-	-	-
Coconut Cream 47501	28.25	-	-	-
Coconut Cream 47502	29.05	-	-	-
Coconut Cream 47503	27.42	-	-	-
Coconut Cream 47504	26.39	-	-	-
Coconut Cream 47505	26	-	-	-
Coconut Cream 47506	28.06	-	-	-
Coconut Cream 47507	25.14	-	-	-

Amplification Plots:

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













