



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4480

Target pathogen: Hop Latent Viroid

24 October 2025

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/22/2025**Date Received:** 10/23/2025**Date Reported:** 10/24/2025**Total samples:** 37**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

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	25.7	-	+
.Positive Control 2	-	-	26.22	+
Azul Bluntz 47680	27.77	-	-	-
Azul Bluntz 47681	28.71	-	-	-
Azul Bluntz 47682	27.02	-	-	-
Azul Bluntz 47683	28.16	-	-	-
Blizzard King 47655	27.75	-	-	-
Blizzard King 47656	28.91	-	-	-
Blizzard King 47657	28	-	-	-
Blizzard King 47658	29.27	-	-	-
Blizzard King 47659	27.98	-	-	-
Blizzard King 47660	29.43	-	-	-
Blizzard King 47661	28.64	-	-	-
Bubblegum Sherb 47648	29	-	-	-
Bubblegum Sherb 47649	25.83	-	-	-
Bubblegum Sherb 47650	29.08	-	-	-
Bubblegum Sherb 47651	26.38	-	-	-
Bubblegum Sherb 47652	25.69	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Bubblegum Sherb 47653	27.46	-	-	-
Bubblegum Sherb 47654	25.55	-	-	-
Cap Junky 47644	27.77	-	-	-
Cap Junky 47645	27.51	-	-	-
Cap Junky 47646	28.12	-	-	-
Gary Payton 47632	27.41	-	-	-
Gary Payton 47633	28.5	-	-	-
Gary Payton 47634	28.78	-	-	-
Gary Payton 47635	28.48	-	-	-
Gary Payton 47636	29.47	-	-	-
Glitter Bomb 47622	27.7	-	-	-
Glitter Bomb 47623	27	-	-	-
Glitter Bomb 47624	28.63	-	-	-
Glitter Bomb 47625	24.16	-	-	-
Glitter Bomb 47626	26.69	-	-	-
Glitter Bomb 47627	26.48	-	-	-
Grape Gasoline 47617	25.71	-	-	-
Grape Gasoline 47618	26.49	-	-	-
Grape Gasoline 47619	28.19	-	-	-
Grape Gasoline 47620	27.39	-	-	-
Grape Gasoline 47621	26.3	-	-	-

Amplification Plots:

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











