



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4072

Target pathogen: Hop Latent Viroid

18 April 2025

**Order details:**

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/16/2025
Date Received: 04/18/2025
Date Reported: 04/18/2025
Total samples: 79

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_T
 EXCELLENT: 27 - 30 C_T
 GREAT: 30 - 32 C_T
 OKAY: 32 - 35 C_T
 FAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

HIGH: <15 - 20 C_T
 MEDIUM: 21 - 28 C_T
 LOW: 29 - <35 C_T
 INCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	26.64	-	+
.Positive 2	-	-	28.44	+
100 Rackz 46000	30.5	-	-	-
Adios Motherf*cker 45997	30.72	-	-	-
Alpha Mule 01	26.37	-	-	-
Alpha Mule 02	28.47	-	-	-
Alpha Mule 03	28.22	-	-	-
Alpha Mule 04	28.38	-	-	-
Alpha Mule 05	27.88	-	-	-
Artificial Candy 01	31.38	-	-	-
Artificial Candy 02	27.23	-	-	-
Artificial Candy 03	28.09	-	-	-
Artificial Candy 04	30.31	-	-	-
Artificial Candy 05	25.5	-	-	-
Azul Bluntz 45996	30.6	-	-	-
Baja Blasteroid 01	26.37	-	-	-
Baja Blasteroid 02	27.55	-	-	-
Baja Blasteroid 03	26.72	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Baja Blasteroid 04	29.16	-	-	-
Baja Blasteroid 05	27.99	-	-	-
Black Dolphin 01	27.47	-	-	-
Black Dolphin 02	24.55	-	-	-
Black Dolphin 03	27.49	-	-	-
Black Dolphin 04	27.33	-	-	-
Black Dolphin 05	27.07	-	-	-
Blizzard King 01	27.35	-	-	-
Blizzard King 02	27.74	-	-	-
Blizzard King 03	26.27	-	-	-
Blizzard King 04	29.37	-	-	-
Blizzard King 05	29.36	-	-	-
Blue Dream 46105	30.04	-	-	-
Blue Dream 46110	29.75	-	-	-
Blue Dream 46111	28.36	-	-	-
Blue Dream 46112	28.48	-	-	-
Blue Dream 46113	29.25	-	-	-
Blue Limonene 46123	30.93	-	-	-
Bob Hope 46279	30.97	-	-	-
BTY OG 46129	30.04	-	-	-
Bubblegum Sherb 45993	29.13	-	-	-
Canal Steet RNTZ 46130	29.2	-	-	-
Caramelz 45991	31.38	-	-	-
Chimera Junky 46126	28.75	-	-	-
Clark Griswold 46466	29.47	-	-	-
Clark Griswold 46467	30.77	-	-	-
Coconut Cream 46468	30.42	-	-	-
Coconut Cream 46469	28.14	-	-	-
Cryo Wolf 45990	29.26	-	-	-
Flex Panther 01	27.07	-	-	-
Flex Panther 02	27.88	-	-	-
Flex Panther 03	28.19	-	-	-
Flex Panther 04	28.49	-	-	-
Flex Panther 05	27.74	-	-	-
Gasoline Lollipop 45988	29.5	-	-	-
Gello Shotz 45986	29.17	-	-	-
Havanna Nights 45983	29.8	-	-	-
Hawaiian Rain 45981	30.81	-	-	-
Headlights 45980	29.76	-	-	-
Lazer Wolf 45977	28.86	-	-	-
Peak 112 46124	29.82	-	-	-
Permafrost 46470	29.62	-	-	-
Permafrost 46471	28.47	-	-	-
Purple Milk 45975	31.42	-	-	-
Raindrops 46472	29.85	-	-	-
Raindrops 46473	28.11	-	-	-
Red Eye 45971	30.24	-	-	-
Red Panda 45974	28.44	-	-	-
RPM 45970	29.77	-	-	-
Tiger's Blood 46474	29.03	-	-	-
Tiger's Blood 46475	29.5	-	-	-
Tokyo Fuzz 45967	29.13	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Tribute 45965	30.41	-	-	-
Twisted Churro 46476	27.95	-	-	-
Twisted Churro 46477	27.94	-	-	-
Warpaint 46478	28.91	-	-	-
Warpaint 46479	28.77	-	-	-
Watermelon Milkshake 45964	29.63	-	-	-
Wingsuit 46107	30.42	-	-	-
Znowflakes 46480	29.25	-	-	-
Znowflakes 46481	29.7	-	-	-
Zoltar 46482	29.13	-	-	-
Zoltar 46483	29.8	-	-	-

Amplification Plots:

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





















