



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4382

Target pathogen: Hop Latent Viroid

12 September 2025

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 09/09/2025**Date Received:** 09/11/2025**Date Reported:** 09/12/2025**Total samples:** 77**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	-	24.05	-	+
.Positive 2	-	-	25.26	+
Alpha Mule 03	26.71	-	-	-
Alpha Mule 04	27.67	-	-	-
Alpha Mule 07	27.7	-	-	-
Alpha Mule 08	28.33	-	-	-
Alpha Mule 10	28.35	-	-	-
Alpha Mule 13	28.1	-	-	-
Alpha Mule 16	26.01	-	-	-
Alpha Mule 17	28.97	-	-	-
Baja Blasteroid 02	26.96	-	-	-
Baja Blasteroid 04	28.99	-	-	-
Baja Blasteroid 06	27.6	-	-	-
Baja Blasteroid 07	30.37	-	-	-
Baja Blasteroid 08	27.14	-	-	-
Baja Blasteroid 11	28.58	-	-	-
Baja Blasteroid 13	27.93	-	-	-
Baja Blasteroid 14	27.91	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Baja Blasteroid 18	28.02	-	-	-
Black Dolphin 03	30.49	-	-	-
Black Dolphin 07	27.05	-	-	-
Black Dolphin 10	29.13	-	-	-
Black Dolphin 11	30.15	-	-	-
Black Dolphin 12	28.13	-	-	-
Black Dolphin 13	28.91	-	-	-
Black Dolphin 16	28.19	-	-	-
Black Dolphin 17	27.81	-	-	-
Black Dolphin 19	30.92	-	-	-
Blizzard King 01	26.8	-	-	-
Blizzard King 02	27.11	-	-	-
Blizzard King 03	31.27	-	-	-
Blizzard King 08	27.16	-	-	-
Blizzard King 13	26.37	-	-	-
Blizzard King 16	26.9	-	-	-
Blizzard King 17	29.07	-	-	-
Blizzard King 18	27.53	-	-	-
Blizzard King 19	27.9	-	-	-
Blue Andeze 47005	30.58	-	-	-
Blue Flame 02	29.07	-	-	-
Blue Flame 03	26.63	-	-	-
Blue Flame 04	26.14	-	-	-
Blue Flame 05	28.2	-	-	-
Blue Nerds 47006	29.9	-	-	-
Candied Oranges 47007	29.86	-	-	-
Candy Flip 47442	29.89	-	-	-
Candy Fumez 47019	28.34	-	-	-
Cherry Cookies 47441	30.04	-	-	-
Clark Griswold 47517	28.3	-	-	-
Clark Griswold 47518	30.82	-	-	-
Clark Griswold 47519	30.25	-	-	-
Clark Griswold 47520	30.26	-	-	-
Clark Griswold 47521	28.89	-	-	-
Clark Griswold 47522	30	-	-	-
Clark Griswold 47523	28	-	-	-
Coconut Cream 47501	27.88	-	-	-
Coconut Cream 47502	27.94	-	-	-
Coconut Cream 47503	28.68	-	-	-
Coconut Cream 47504	28.38	-	-	-
Coconut Cream 47505	29.83	-	-	-
Coconut Cream 47506	28.79	-	-	-
Coconut Cream 47507	28.1	-	-	-
Cromagnon Man 47015	31.59	-	-	-
Crypto Cookies 47435	29.97	-	-	-
Dolato 47436	31.63	-	-	-
Donutz 47012	28.47	-	-	-
Ego Checker 47017	29.94	-	-	-
Electric Pineapple 47021	29.97	-	-	-
Facade 03	25.88	-	-	-
Facade 04	28.27	-	-	-
Facade 05	26.41	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Flex Panther 01	27.45	-	-	-
Flex Panther 04	26.05	-	-	-
Flex Panther 05	27.95	-	-	-
Flex Panther 08	27.4	-	-	-
Flex Panther 09	30.03	-	-	-
Flex Panther 10	26.84	-	-	-
Flex Panther 12	27.81	-	-	-
Flex Panther 13	25.82	-	-	-
Flex Panther 14	27.15	-	-	-

Amplification Plots:

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





















