



## TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3072

Target pathogen: Hop Latent Viroid

14 February 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 02/12/2025**Date Received:** 02/13/2025**Date Reported:** 02/14/2025**Total samples:** 77**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>

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	26.98	-	+
.Positive 2	-	-	27.93	+
100 Rackz 45999	28.72	-	-	-
100 Rackz 46000	29.25	-	-	-
Adios Motherf*cker 45997	29.15	-	-	-
Adios Motherf*cker 45998	29.49	-	-	-
Azul Bluntz 45995	29.12	-	-	-
Azul Bluntz 45996	27.93	-	-	-
Black Sundae 02	28.22	-	-	-
Black Sundae 03	27.99	-	-	-
Black Sundae 08	28.26	-	-	-
Black Sundae 09	26.89	-	-	-
Black Sundae 10	28.31	-	-	-
Black Sundae 11	27.17	-	-	-
Black Sundae 12	29.13	-	-	-
Black Sundae 18	26.95	-	-	-
Black Sundae 19	27.2	-	-	-
Blue Dream 46105	29.26	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Blue Dream 46106	30.56	-	-	-
Blue Dream 46110	29.63	-	-	-
Blue Dream 46111	31.07	-	-	-
Blue Dream 46112	29.33	-	-	-
Blue Dream 46113	29.63	-	-	-
Blue Limonene 46122	28.1	-	-	-
Blue Limonene 46123	29.32	-	-	-
Bob Hope 46278	29.1	-	-	-
Bob Hope 46279	29.15	-	-	-
BTY OG 46128	30.27	-	-	-
BTY OG 46129	29.85	-	-	-
Bubblegum Sherb 45993	30.91	-	-	-
Bubblegum Sherb 45994	29.93	-	-	-
Canal Steet RNTZ 46130	31.36	-	-	-
Canal Steet RNTZ 46131	31.81	-	-	-
Caramelz 45991	30.04	-	-	-
Caramelz 45992	31.32	-	-	-
Cherry Dosi 45503	29.75	-	-	-
Cherry Dosi 45504	29.95	-	-	-
Cherry Dosi 45505	29.91	-	-	-
Cherry Dosi 45506	30.01	-	-	-
Cherry Dosi 45507	31.61	-	-	-
Chimera Junky 46126	30.97	-	-	-
Chimera Junky 46127	28.14	-	-	-
Cookie Monster 04	32.54	-	-	-
Cookie Monster 08	32.22	-	-	-
Cookie Monster 09	31.35	-	-	-
Cookie Monster 12	31.19	-	-	-
Cookie Monster 13	31.36	-	-	-
Cookie Monster 14	30.9	-	-	-
Cookie Monster 15	31.35	-	-	-
Cookie Monster 18	29.13	-	-	-
Cookie Monster 19	33.55	-	-	-
Cookie Monster 45443	29.12	-	-	-
Cryo Wolf 45989	28.84	-	-	-
Cryo Wolf 45990	30.05	-	-	-
Dark Queen #8 45498	28.86	-	-	-
Dark Queen #8 45499	28.22	-	-	-
Dark Queen #8 45500	29.69	-	-	-
Dark Queen #8 45501	30.4	-	-	-
Dark Queen #8 45502	30	-	-	-
Dawg Cake 01	29.49	-	-	-
Dawg Cake 02	27.25	-	-	-
Dawg Cake 04	29.46	-	-	-
Dawg Cake 07	29.78	-	-	-
Dawg Cake 09	33.23	-	-	-
Dawg Cake 14	32.64	-	-	-
Dawg Cake 15	28.42	-	-	-
Dawg Cake 16	31.03	-	-	-
Dawg Cake 18	30.05	-	-	-
Dawg Cake 45422	30.29	-	-	-
Dawg Cake 45423	29.1	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gasoline Lollipop 45987	32.15	-	-	-
Gasoline Lollipop 45988	29.9	-	-	-
Gello Shotz 45985	31.74	-	-	-
Gello Shotz 45986	29.81	-	-	-
Grape Colada 45481	29.44	-	-	-
GRNTZ 45487	29.25	-	-	-
GRNTZ 45488	29.48	-	-	-
GSC 45489	28.93	-	-	-
GSC 45490	28.87	-	-	-

**Amplification Plots:**

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























