



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3086

Target pathogen: Hop Latent Viroid

07 March 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 03/05/2025**Date Received:** 03/07/2025**Date Reported:** 03/07/2025**Total samples:** 87**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	-	28.99	-	+
.Positive 2	-	-	28.31	+
100 Rackz 45999	29.2	-	-	-
100 Rackz 46000	29.13	-	-	-
Adios Motherf*cker 45997	32.52	-	-	-
Adios Motherf*cker 45998	30.95	-	-	-
Alpha Mule	33.12	-	-	-
Artificial Candy	31.74	-	-	-
Azul Bluntz 45995	30.12	-	-	-
Azul Bluntz 45996	29.27	-	-	-
Baja Blasteroid	30.22	-	-	-
Black Dolphin	32.15	-	-	-
Blizzard King	32.09	-	-	-
Blue Dream 46105	29.99	-	-	-
Blue Dream 46106	31.3	-	-	-
Blue Dream 46110	29.37	-	-	-
Blue Dream 46111	29.21	-	-	-
Blue Dream 46112	29.28	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Blue Dream 46113	29.28	-	-	-
Blue Limonene 46122	29.36	-	-	-
Blue Limonene 46123	27.38	-	-	-
Bob Hope 46278	28.82	-	-	-
Bob Hope 46279	30.17	-	-	-
BTY OG 46128	28.77	-	-	-
BTY OG 46129	27.12	-	-	-
Bubblegum Sherb 45993	28.49	-	-	-
Bubblegum Sherb 45994	32.46	-	-	-
Canal Steet RNTZ 46130	31.59	-	-	-
Canal Steet RNTZ 46131	30.08	-	-	-
Caramelz 45991	29.68	-	-	-
Caramelz 45992	29.21	-	-	-
Chimera Junky 46126	28.97	-	-	-
Chimera Junky 46127	30.01	-	-	-
Clark Griswold 01	25.37	-	-	-
Clark Griswold 02	25.34	-	-	-
Clark Griswold 03	27.71	-	-	-
Clark Griswold 04	27.62	-	-	-
Clark Griswold 05	28.26	-	-	-
Coconut Cream 02	25.99	-	-	-
Coconut Cream 03	32.43	-	-	-
Coconut Cream 04	30.58	-	-	-
Cryo Wolf 45989	31.92	-	-	-
Cryo Wolf 45990	31.49	-	-	-
Flex Panther	30.5	-	-	-
Flower G-Pop	31.22	-	-	-
Gasoline Lollipop 45987	29.01	-	-	-
Gasoline Lollipop 45988	29.6	-	-	-
Gello Shotz 45985	30.23	-	-	-
Gello Shotz 45986	30.93	-	-	-
Grape Colada 45481	29.73	-	-	-
Grape Mendez 04	29.38	-	-	-
Grape Mendez 07	28.88	-	-	-
Grape Mendez 11	29.24	-	-	-
Grape Mendez 13	28.27	-	-	-
Grape Mendez 16	29.18	-	-	-
Grape Mendez 17	27.27	-	-	-
Grape Mendez 20	26.81	-	-	-
GRNTZ 45487	29.5	-	-	-
GRNTZ 45488	30.27	-	-	-
GSC 45489	29.35	-	-	-
GSC 45490	29.37	-	-	-
Havanna Nights 45983	32.58	-	-	-
Havanna Nights 45984	30.49	-	-	-
Hawaiian Rain 45981	30.1	-	-	-
Hawaiian Rain 45982	29.73	-	-	-
Headlights 45979	30.49	-	-	-
Headlights 45980	30.93	-	-	-
Illemonatti 45491	28.14	-	-	-
Illemonatti 45492	27.27	-	-	-
Jokers NOS 03	26.1	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Jokers NOS 04	26.2	-	-	-
Jokers NOS 05	29.99	-	-	-
Jokers NOS 08	28.11	-	-	-
Jokers NOS 10	30.45	-	-	-
Jokers NOS 12	29.91	-	-	-
Jokers NOS 15	28.59	-	-	-
Jokers NOS 17	27.64	-	-	-
Jokers NOS 20	25.56	-	-	-
Lazer Wolf 45977	29.43	-	-	-
Lazer Wolf 45978	29.11	-	-	-
Maddfruit 03	27.24	-	-	-
Maddfruit 04	28.13	-	-	-
Maddfruit 06	27.94	-	-	-
Maddfruit 08	30.75	-	-	-
Maddfruit 10	28.72	-	-	-
Maddfruit 11	27.84	-	-	-
Maddfruit 12	26.51	-	-	-
Maddfruit 19	28.17	-	-	-
Maddfruit 21	29.89	-	-	-

Amplification Plots:

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























