



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4040

Target pathogen: Hop Latent Viroid

28 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/26/2025
Date Received: 03/27/2025
Date Reported: 03/28/2025
Total samples: 83

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	-	26.94	-	+
.Positive 2	-	-	27.89	+
Bubblegum Sherb 45993	29.96	-	-	-
Canal Steet RNTZ 46130	28.35	-	-	-
Chimera Junky 46126	29.2	-	-	-
Clark Griswold 46466	28.61	-	-	-
Clark Griswold 46467	29.04	-	-	-
Coconut Cream 46468	28.42	-	-	-
Coconut Cream 46469	30.12	-	-	-
Cryo Wolf 45990	28.95	-	-	-
Gasoline Lollipop 45988	32.4	-	-	-
Gello Shotz 45986	30.27	-	-	-
Grape Colada 45481	30.55	-	-	-
GRNTZ 45487	30.9	-	-	-
GRNTZ 45488	30.34	-	-	-
Gruntz 03	31.99	-	-	-
Gruntz 04	29.71	-	-	-
Gruntz 07	27.82	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gruntz 09	29.06	-	-	-
Gruntz 12	29.88	-	-	-
Gruntz 13	25.96	-	-	-
Gruntz 16	29.47	-	-	-
Gruntz 17	27.34	-	-	-
Gruntz 19	27.18	-	-	-
GSC 03	27.94	-	-	-
GSC 08	26.91	-	-	-
GSC 09	30.72	-	-	-
GSC 10	26.41	-	-	-
GSC 13	25.86	-	-	-
GSC 15	30.9	-	-	-
GSC 17	27.19	-	-	-
GSC 18	27.04	-	-	-
GSC 19	27.17	-	-	-
Havanna Nights 45983	28.16	-	-	-
Hawaiian Rain 45981	31.13	-	-	-
Headlights 45980	29.15	-	-	-
Illemonatti 02	29.5	-	-	-
Illemonatti 04	29.2	-	-	-
Illemonatti 06	29.73	-	-	-
Illemonatti 07	29.62	-	-	-
Illemonatti 08	29.99	-	-	-
Illemonatti 11	30.14	-	-	-
Illemonatti 17	29.52	-	-	-
Illemonatti 18	29.53	-	-	-
Illemonatti 19	29.95	-	-	-
Illemonatti 45491	28.76	-	-	-
Illemonatti 45492	29.16	-	-	-
King Louis OG 01	30.16	-	-	-
Lazer Wolf 45977	30	-	-	-
Malibu 01	29.12	-	-	-
Malibu 02	28.7	-	-	-
Malibu 03	30.87	-	-	-
Peak 112 46124	28.44	-	-	-
Permafrost 46470	29.42	-	-	-
Permafrost 46471	28.2	-	-	-
Pineapple Candy 01	28.52	-	-	-
Pineapple Candy 02	27.67	-	-	-
Pineapple Candy 05	27.9	-	-	-
Pineapple Candy 08	28.15	-	-	-
Pineapple Candy 09	30.63	-	-	-
Pineapple Candy 12	27.84	-	-	-
Pineapple Candy 14	27.45	-	-	-
Pineapple Candy 15	27.34	-	-	-
Pineapple Candy 19	27.82	-	-	-
Purple Milk 45975	29.86	-	-	-
Raindrops 46472	28.74	-	-	-
Raindrops 46473	29.41	-	-	-
Red Eye 45971	28.04	-	-	-
Red Panda 45974	29.55	-	-	-
RPM 45970	29.73	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Sicairo 01	28.72	-	-	-
Tiger's Blood 46474	28.69	-	-	-
Tiger's Blood 46475	28.74	-	-	-
Tokyo Fuzz 45967	29.84	-	-	-
Tribute 45965	27.99	-	-	-
Twisted Churro 46476	26.73	-	-	-
Twisted Churro 46477	28.09	-	-	-
Warpaint 46478	29.9	-	-	-
Warpaint 46479	30.26	-	-	-
Watermelon Milkshake 45964	28.39	-	-	-
Wingsuit 46107	30.3	-	-	-
Znowflakes 46480	28.93	-	-	-
Znowflakes 46481	27.48	-	-	-
Zoltar 46482	28.98	-	-	-
Zoltar 46483	27.74	-	-	-

Amplification Plots:

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























