



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4437

Target pathogen: Hop Latent Viroid

02 October 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/01/2025**Date Received:** 10/02/2025**Date Reported:** 10/02/2025**Total samples:** 76**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	-	22.63	-	+
.Positive 2	-	-	22.67	+
Blue Andeze 47005	31.68	-	-	-
Blue Flame 02	28.18	-	-	-
Blue Flame 03	28.24	-	-	-
Blue Flame 04	26	-	-	-
Blue Flame 05	25.47	-	-	-
Blue Nerds 47006	29.78	-	-	-
Candied Oranges 47007	30.37	-	-	-
Candy Flip 47442	30.08	-	-	-
Candy Fumez 47019	32.07	-	-	-
Cherry Cookies 47441	30.18	-	-	-
Cromagnon Man 05	29.93	-	-	-
Cromagnon Man 07	32.95	-	-	-
Cromagnon Man 08	31.66	-	-	-
Cromagnon Man 09	31.12	-	-	-
Cromagnon Man 10	31.11	-	-	-
Cromagnon Man 14	29.93	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cromagnon Man 17	31.31	-	-	-
Cromagnon Man 18	30.72	-	-	-
Cromagnon Man 20	28.7	-	-	-
Cromagnon Man 47015	28.78	-	-	-
Crypto Cookies 47435	34.33	-	-	-
Dolato 47436	28.7	-	-	-
Donutz 47012	30.45	-	-	-
Ego Checker 01	29.55	-	-	-
Ego Checker 02	29.3	-	-	-
Ego Checker 07	30.31	-	-	-
Ego Checker 09	32.01	-	-	-
Ego Checker 10	30.31	-	-	-
Ego Checker 12	28.78	-	-	-
Ego Checker 16	29.21	-	-	-
Ego Checker 17	27.6	-	-	-
Ego Checker 18	27.55	-	-	-
Ego Checker 47017	29.72	-	-	-
Electric Pineapple 47021	29.11	-	-	-
Facade 03	27.43	-	-	-
Facade 04	26.86	-	-	-
Facade 05	29.17	-	-	-
Fog Lights 01	27.94	-	-	-
Fog Lights 04	26.08	-	-	-
Fog Lights 05	28.46	-	-	-
French Ice 47437	29.89	-	-	-
Full Zest 47008	28.66	-	-	-
Garlic Breath 02	26.27	-	-	-
Garlic Breath 04	28.06	-	-	-
Gas Drop 01	25.06	-	-	-
Gas Drop 02	25.98	-	-	-
Gas Drop 04	26.43	-	-	-
Gas Drop 05	27.16	-	-	-
GMO Pie 47016	31.93	-	-	-
Grape Fritter 01	27.08	-	-	-
Grape Fritter 02	25.48	-	-	-
Grape Fritter 03	26.24	-	-	-
Grape Fritter 04	27.15	-	-	-
Grape Fritter 05	25.9	-	-	-
Grape Pie 47438	29.11	-	-	-
Hashburger 47011	30.07	-	-	-
Heir Heads 47305	28.83	-	-	-
Jokerz Candy 47009	28.47	-	-	-
Lemon Cherry Sherbet 47020	31.34	-	-	-
Lizard Cake 47443	30.07	-	-	-
Nimbus Snacks 47022	30.25	-	-	-
Pheromone 02	31.29	-	-	-
Pheromone 03	28.03	-	-	-
Pheromone 07	29.23	-	-	-
Pheromone 08	29.48	-	-	-
Pheromone 12	28.58	-	-	-
Pheromone 14	28.17	-	-	-
Pheromone 17	29.65	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Pheromone 19	29.03	-	-	-
Pheromone 20	28.73	-	-	-
Pheromone 47013	29.01	-	-	-
Pineapple Macroon 47217	29.17	-	-	-
Pinyatti 47216	30.04	-	-	-
Poison Gushers 47215	29.2	-	-	-
Puro Loco 47214	28.02	-	-	-
Purple Planet 47213	29.05	-	-	-

Amplification Plots:

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





















