



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:** 51**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	-	23.69	-	+
.Positive 2	-	-	26.46	+
Fog Lights 01	25.89	-	-	-
Fog Lights 04	26.64	-	-	-
Fog Lights 05	25.45	-	-	-
French Ice 47437	30.45	-	-	-
Full Zest 47008	27.93	-	-	-
Garlic Breath 02	25.97	-	-	-
Garlic Breath 04	26.23	-	-	-
Gas Drop 01	26.51	-	-	-
Gas Drop 02	28.42	-	-	-
Gas Drop 04	25.29	-	-	-
Gas Drop 05	26.31	-	-	-
GMO Pie 47016	29.93	-	-	-
Grape Fritter 01	26.14	-	-	-
Grape Fritter 02	26.35	-	-	-
Grape Fritter 03	26.33	-	-	-
Grape Fritter 04	27.96	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Grape Fritter 05	26.21	-	-	-
Grape Pie 47438	28.5	-	-	-
Hashburger 47011	26.49	-	-	-
Heir Heads 47305	29.9	-	-	-
Jokerz Candy 47009	31.93	-	-	-
Lemon Cherry Sherbet 47020	30.14	-	-	-
Lizard Cake 47443	28.24	-	-	-
Nimbus Snacks 47022	29.96	-	-	-
Pheromone 47013	28.27	-	-	-
Pineapple Macroon 47217	26.92	-	-	-
Pinyatti 47216	27.03	-	-	-
Poison Gushers 47215	26.43	-	-	-
Puro Loco 47214	30.2	-	-	-
Purple Planet 47213	29.34	-	-	-
Purple Rain 01	24.81	-	-	-
Purple Rain 02	26.62	-	-	-
Purple Rain 03	25.88	-	-	-
Purple Rain 04	26.62	-	-	-
Purple Rain 05	26.06	-	-	-
Rainbow Zangria 02	26.8	-	-	-
Rainbow Zangria 04	26.32	-	-	-
Sade 01	26.45	-	-	-
Sade 03	28.1	-	-	-
Sade 04	26.81	-	-	-
Scissor Queen 47444	28.87	-	-	-
Sicairo 46977	28.64	-	-	-
Slurp Juice 47445	29.22	-	-	-
Sticky Buns 47018	28.27	-	-	-
Super Lemon Haze 47212	27.72	-	-	-
Tropical Slushie 47439	29.87	-	-	-
Vanilla Creme Pie 47211	28.49	-	-	-
Z Pie 47440	29.95	-	-	-
Zangria 01	26.55	-	-	-
Zangria 02	25.92	-	-	-
Zangria 03	25.78	-	-	-

Amplification Plots:

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













