



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4480

Target pathogen: Hop Latent Viroid

24 October 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/22/2025**Date Received:** 10/23/2025**Date Reported:** 10/24/2025**Total samples:** 38**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

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	25.7	-	+
.Positive Control 2	-	-	26.22	+
Lizard Cake 47443	32.33	-	-	-
Mango Daquiri 01	30.18	-	-	-
Nimbus Snacks 02	30.03	-	-	-
Nimbus Snacks 06	30.49	-	-	-
Nimbus Snacks 11	29.8	-	-	-
Nimbus Snacks 13	31.3	-	-	-
Nimbus Snacks 14	30.69	-	-	-
Nimbus Snacks 15	29.09	-	-	-
Nimbus Snacks 16	30.82	-	-	-
Nimbus Snacks 17	30.76	-	-	-
Nimbus Snacks 19	29.97	-	-	-
Permanent Sunset 01	27.63	-	-	-
Pineapple Macroon 47217	29.54	-	-	-
Pinyatti 47216	30.27	-	-	-
Poison Gushers 47215	28.7	-	-	-
Puro Loco 47214	27.68	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Purple Planet 47213	29.16	-	-	-
Purple Rain 47574	28.74	-	-	-
Rainbow Zangria 47576	27.95	-	-	-
Russian Assassin 01	30.3	-	-	-
Sade 47577	28.47	-	-	-
Scissor Queen 47444	30.1	-	-	-
Slurp Juice 47445	29.46	-	-	-
Sour Diesel x Headband 01	30.46	-	-	-
Sour Durban 01	26.87	-	-	-
Sticky Buns 47684	29.76	-	-	-
Sticky Buns 47685	28.7	-	-	-
Sticky Buns 47686	28.43	-	-	-
Sticky Buns 47687	28.32	-	-	-
Sticky Buns 47688	29.31	-	-	-
Sticky Buns 47689	30.14	-	-	-
Sticky Buns 47690	29.75	-	-	-
Super Lemon Haze 47212	29.44	-	-	-
Tropical Slushie 47439	28.13	-	-	-
Vanilla Creme Pie 47211	29.14	-	-	-
Watermelon Rain 01	29.33	-	-	-
Z Pie 47440	29.54	-	-	-
Zangria 47578	29.42	-	-	-

Amplification Plots:

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









