



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4545

Target pathogen: Hop Latent Viroid

05 December 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 12/03/2025**Date Received:** 12/04/2025**Date Reported:** 12/05/2025**Total samples:** 74**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	-	25.25	-	+
.Positive Control 2	-	-	22.17	+
GMO Pie 47816	30.4	-	-	-
GMO Pie 47817	30.34	-	-	-
GMO Pie 47818	29.2	-	-	-
Grape Fritter 47561	29.73	-	-	-
Grape Pie 47438	29.58	-	-	-
Hash Burger 47825	28.28	-	-	-
Hash Burger 47826	29.63	-	-	-
Hash Burger 47827	30.15	-	-	-
Hash Burger 47828	29.02	-	-	-
Jewelz 04	31.06	-	-	-
Jewelz 05	29.46	-	-	-
Jokerz Candy 03	28.9	-	-	-
Jokerz Candy 11	30.01	-	-	-
Jokerz Candy 12	28.79	-	-	-
Jokerz Candy 16	29.04	-	-	-
Jokerz Candy 18	27.82	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Lemon Cherry Sherbet 47843	31.05	-	-	-
Lemon Cherry Sherbet 47844	28.03	-	-	-
Lemon Cherry Sherbet 47845	28.05	-	-	-
Lemon Cherry Sherbet 47846	28.02	-	-	-
Limonada de Mango 47891	28.62	-	-	-
Lizard Cake 47443	28.93	-	-	-
Mango Daquiri 01	29.52	-	-	-
Mango Daquiri 02	29.81	-	-	-
Mango Daquiri 03	30.05	-	-	-
Mango Daquiri 04	28.69	-	-	-
Mango Daquiri 05	27.33	-	-	-
Nimbus Snacks 47859	28.39	-	-	-
Nimbus Snacks 47860	27.97	-	-	-
Nimbus Snacks 47861	29.05	-	-	-
Permanent Sunset 03	27.31	-	-	-
Permanent Sunset 05	27.53	-	-	-
Pineapple Macroon 47951	26.93	-	-	-
Pineapple Macroon 47952	27.1	-	-	-
Pineapple Macroon 47953	27.85	-	-	-
Pineapple Macroon 47954	28.61	-	-	-
Poison Gushers 04	30.44	-	-	-
Poison Gushers 06	29.88	-	-	-
Poison Gushers 08	30.45	-	-	-
Poison Gushers 09	26.76	-	-	-
Poison Gushers 14	29.99	-	-	-
Purple Planet 02	30.8	-	-	-
Purple Planet 03	28.69	-	-	-
Purple Planet 04	29.44	-	-	-
Purple Planet 07	29.35	-	-	-
Purple Planet 18	28.71	-	-	-
Purple Planet 47213	28.91	-	-	-
Purple Rain 47574	26.75	-	-	-
Rainbow Zangria 47576	28.25	-	-	-
Russian Assassin 02	28.82	-	-	-
Russian Assassin 04	29.76	-	-	-
Sade 47577	27.05	-	-	-
Scissor Queen 47444	28.13	-	-	-
Slurp Juice 47445	28.41	-	-	-
Sour Diesel x Headband 01	26.75	-	-	-
Sour Diesel x Headband 02	28.54	-	-	-
Sour Diesel x Headband 03	27.06	-	-	-
Sour Diesel x Headband 04	28.3	-	-	-
Sour Diesel x Headband 05	27.11	-	-	-
Sour Durban 01	28.61	-	-	-
Sour Durban 02	25.34	-	-	-
Sour Durban 03	26.5	-	-	-
Sour Durban 04	27.11	-	-	-
Sour Durban 05	26.57	-	-	-
Sticky Buns 47685	28.4	-	-	-
Sticky Buns 47686	28.71	-	-	-
Sticky Buns 47687	27.72	-	-	-
Sticky Buns 47688	27.99	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Super Lemon Haze 47212	27.89	-	-	-
Tropical Slushie 47439	27.02	-	-	-
Watermelon Rain 02	27.04	-	-	-
Watermelon Rain 03	28.6	-	-	-
Z Pie 47440	28.26	-	-	-
Zangria 47578	28.3	-	-	-

Amplification Plots:

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



















