



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1902

Target pathogen: Hop Latent Viroid

09 August 2024

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 08/07/2024**Date Received:** 08/08/2024**Date Reported:** 08/09/2024**Total samples:** 75**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	-	28.24	-	+
.Positive 2	-	-	23.75	+
8 inch Bagel 43847	27.97	-	-	-
8 inch Bagel 43848	26.68	-	-	-
8 inch Bagel 43849	27.89	-	-	-
8 inch Bagel 43850	25.02	-	-	-
8 inch Bagel 43851	26.73	-	-	-
8 inch Bagel 43852	26.18	-	-	-
8 inch Bagel 43853	25.9	-	-	-
8 inch Bagel 43854	27.66	-	-	-
Cali Burger 43855	28.34	-	-	-
Cali Burger 43856	26.91	-	-	-
Cali Burger 43857	29.04	-	-	-
Cali Burger 43858	26.24	-	-	-
Cali Burger 43859	25.16	-	-	-
Cap Junky 43860	24.56	-	-	-
Cap Junky 43861	24.56	-	-	-
Cap Junky 43862	24.51	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 43863	26.18	-	-	-
Cap Junky 43864	26.33	-	-	-
Chicken & Waffles 02	24.27	-	-	-
Chicken & Waffles 04	25.85	-	-	-
Chicken & Waffles 07	25.84	-	-	-
Chicken & Waffles 08	23.67	-	-	-
Chicken & Waffles 11	23.42	-	-	-
Chicken & Waffles 12	25.99	-	-	-
Chicken & Waffles 13	27.26	-	-	-
Chicken & Waffles 14	28.1	-	-	-
Chicken & Waffles 16	22.85	-	-	-
Chicken & Waffles 43871	25.47	-	-	-
Chicken & Waffles 43872	23.92	-	-	-
Coconut Milk 43866	26	-	-	-
Coconut Milk 43867	25.54	-	-	-
Coconut Milk 43868	25.29	-	-	-
Coconut Milk 43869	27.24	-	-	-
Coconut Milk 43870	25.78	-	-	-
Devil's Den #2 02	26.31	-	-	-
Devil's Den #2 03	25.3	-	-	-
Devil's Den #2 06	28.03	-	-	-
Devil's Den #2 07	28.95	-	-	-
Devil's Den #2 08	30.38	-	-	-
Devil's Den #2 10	29.28	-	-	-
Devil's Den #2 13	25.39	-	-	-
Devil's Den #2 14	24.79	-	-	-
Devil's Den #2 15	26.44	-	-	-
Drama Queen 02	23.81	-	-	-
Drama Queen 04	26.59	-	-	-
Drama Queen 07	23.84	-	-	-
Drama Queen 09	25.75	-	-	-
Drama Queen 10	24.39	-	-	-
Drama Queen 14	24.35	-	-	-
Drama Queen 16	24.96	-	-	-
Drama Queen 17	26.1	-	-	-
Drama Queen 18	24.66	-	-	-
Jack Murphy 06	25.24	-	-	-
Jack Murphy 08	24.56	-	-	-
Jack Murphy 15	28.22	-	-	-
Jack Murphy 16	26.2	-	-	-
Jack Murphy 18	24.44	-	-	-
Jack Murphy 19	24.56	-	-	-
Jack Murphy 21	25.69	-	-	-
Jack Murphy 23	24.99	-	-	-
Jack Murphy 24	23.42	-	-	-
Permanent Lee Hi 01	25.89	-	-	-
Permanent Lee Hi 02	25.42	-	-	-
Permanent Lee Hi 03	25.65	-	-	-
Permanent Lee Hi 04	24.19	-	-	-
Permanent Lee Hi 06	24.75	-	-	-
Permanent Lee Hi 07	26.51	-	-	-
Permanent Lee Hi 08	23.89	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Permanent Lee Hi 09	25.53	-	-	-
Permanent Lee Hi 10	25.08	-	-	-
Stunna Runtz 1	23.56	-	-	-
Stunna Runtz 2	24.85	-	-	-
Stunna Runtz 3	24.52	-	-	-
Stunna Runtz 4	26.35	-	-	-
Stunna Runtz 5	25.99	-	-	-

Amplification Plots:

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





















