



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4040

Target pathogen: Hop Latent Viroid

28 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/26/2025
Date Received: 03/27/2025
Date Reported: 03/28/2025
Total samples: 85

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_T
- EXCELLENT: 27 - 30 C_T
- GREAT: 30 - 32 C_T
- OKAY: 32 - 35 C_T
- FAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

- HIGH: <15 - 20 C_T
- MEDIUM: 21 - 28 C_T
- LOW: 29 - <35 C_T
- INCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	26.91	-	+
.Positive 2	-	-	26.51	+
Amaretto Sour 46280	30.13	-	-	-
Amaretto Sour 46281	29.79	-	-	-
Amaretto Sour 46282	30.34	-	-	-
Amaretto Sour 46283	30.77	-	-	-
Amaretto Sour 46284	31.53	-	-	-
Black Amber 46285	29.09	-	-	-
Black Amber 46286	29.42	-	-	-
Black Amber 46287	28.82	-	-	-
Black Amber 46288	30.12	-	-	-
Black Amber 46289	30.61	-	-	-
Black Amber 46290	32.29	-	-	-
Black Amber 46291	30.18	-	-	-
Black Amber 46292	29.01	-	-	-
Black Maple 46293	29.2	-	-	-
Black Maple 46294	29.67	-	-	-
Black Maple 46295	29.21	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Black Maple 46296	30.53	-	-	-
Black Maple 46297	29.01	-	-	-
Black Maple 46298	27.45	-	-	-
Black Maple 46299	30.07	-	-	-
Black Maple 46300	28.6	-	-	-
Cap Junky 46301	31.74	-	-	-
Cap Junky 46302	30.87	-	-	-
Cap Junky 46303	30.78	-	-	-
Cap Junky 46304	31.29	-	-	-
Cap Junky 46305	31.44	-	-	-
Caramelz 45991	29.09	-	-	-
Cookie Monster 46306	29.45	-	-	-
Cookie Monster 46307	28.62	-	-	-
Cookie Monster 46308	26.89	-	-	-
Cookie Monster 46309	27.95	-	-	-
Cookie Monster 46310	30.58	-	-	-
Cookie Monster 46311	30.25	-	-	-
Cookie Monster 46312	29.18	-	-	-
Gastro Pop #2 46313	29.08	-	-	-
Gastro Pop #2 46314	30.11	-	-	-
Gastro Pop #2 46315	32.48	-	-	-
Gastro Pop #2 46316	28.45	-	-	-
Gastro Pop #2 46317	30.34	-	-	-
Gastro Pop #2 46318	30.34	-	-	-
Gastro Pop #2 46319	29.94	-	-	-
Grape Gasoline 46320	28.64	-	-	-
Grape Gasoline 46321	27.98	-	-	-
Grape Gasoline 46322	27.82	-	-	-
Grape Gasoline 46323	28.22	-	-	-
Grape Gasoline 46324	30.86	-	-	-
Grape Gasoline 46325	29.45	-	-	-
Grape Gasoline 46326	32.02	-	-	-
Gush Mints 46327	29.02	-	-	-
Gush Mints 46328	29.58	-	-	-
Gush Mints 46329	27.68	-	-	-
Gush Mints 46330	27.5	-	-	-
Honey Banana 46331	28.83	-	-	-
Honey Banana 46332	29.22	-	-	-
Honey Banana 46333	28.5	-	-	-
Honey Banana 46334	30.58	-	-	-
Honey Banana 46335	30.27	-	-	-
Honey Banana 46336	28.44	-	-	-
Honey Banana 46337	30.9	-	-	-
Jack Herer 46338	30.92	-	-	-
Jack Herer 46339	31.32	-	-	-
Jack Herer 46340	28.68	-	-	-
Jack Herer 46341	31.42	-	-	-
Jack Herer 46342	27.86	-	-	-
Jack Herer 46343	28.01	-	-	-
Jack Herer 46344	29.58	-	-	-
Lizard Burger #8 46345	28.06	-	-	-
Lizard Burger #8 46346	28.42	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Lizard Burger #8 46347	28.25	-	-	-
Lizard Burger #8 46348	29.39	-	-	-
Lizard Burger #8 46349	30.24	-	-	-
Lizard Burger #8 46350	32.19	-	-	-
Lizard Burger #8 46351	30.88	-	-	-
Mac N Jack 46352	28.85	-	-	-
Mac N Jack 46353	30.33	-	-	-
Mac N Jack 46354	32.52	-	-	-
Mac N Jack 46355	25.18	-	-	-
Mac N Jack 46356	20.14	-	-	-
Maddfruit 46438	27.33	-	-	-
Maddfruit 46439	27.3	-	-	-
Maddfruit 46440	27.86	-	-	-
Maddfruit 46441	30.54	-	-	-
Maddfruit 46442	30.24	-	-	-
Maddfruit 46443	28.9	-	-	-
Maddfruit 46444	29.08	-	-	-

Amplification Plots:

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























