



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4661

Target pathogen: Hop Latent Viroid

27 February 2026

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 02/25/2026
Date Received: 02/26/2026
Date Reported: 02/27/2026
Total samples: 65

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

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	25.27	-	+
.Positive Control 2	-	-	26.63	+
Bangkok Purple 48065	31.71	-	-	-
Bank Roll 47637	28.33	-	-	-
Black Bubblegum Horchata 48141	31.47	-	-	-
Black Cherry Zoap 02	28.89	-	-	-
Black Cherry Zoap 04	28.27	-	-	-
Black Cherry Zoap 05	30.03	-	-	-
Black Cherry Zoap 09	29.07	-	-	-
Black Cherry Zoap 10	29.44	-	-	-
Black Cherry Zoap 47985	30.13	-	-	-
Black Cherry Zoap 47986	28.71	-	-	-
Black Cherry Zoap 47987	28.62	-	-	-
Black Cherry Zoap 47988	28.94	-	-	-
Black Panther 47638	29.81	-	-	-
Black Spritzer 47785	29.56	-	-	-
Blue Flame 02	28.89	-	-	-
Blue Flame 03	29.07	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Blue Flame 04	30.16	-	-	-
Blue Flame 06	29.73	-	-	-
Blue Flame 09	29.04	-	-	-
Blueberry Fizz 47963	29.28	-	-	-
Candy Blossom 48144	29.04	-	-	-
Cherry Blossom 48143	29.02	-	-	-
Cowboy Candy 47964	30.04	-	-	-
Cyber Wolf 47962	28.4	-	-	-
Dark Desire 47965	29.12	-	-	-
Death Kiss 47966	28.43	-	-	-
Double Up 47967	26.65	-	-	-
Drip Drop 47968	27.79	-	-	-
Facade 47572	28.62	-	-	-
Fog Lights 02	29.04	-	-	-
Fog Lights 03	29.54	-	-	-
Fog Lights 04	26.79	-	-	-
Fog Lights 09	28.25	-	-	-
Fog Lights 10	28.33	-	-	-
Garlic Breath 47575	30.03	-	-	-
Gas Drop 02	29.83	-	-	-
Gas Drop 06	29.62	-	-	-
Gas Drop 07	29.2	-	-	-
Gas Drop 08	28.78	-	-	-
Gas Drop 09	29.25	-	-	-
Ghost Face 47969	28.82	-	-	-
Grape Fritter 01	28.01	-	-	-
Grape Fritter 02	27.6	-	-	-
Grape Fritter 04	31.18	-	-	-
Grape Fritter 05	27.32	-	-	-
Grape Fritter 07	27.81	-	-	-
Jelly Delight 48145	30.34	-	-	-
Jewelz 47970	29.18	-	-	-
Limonada de Mango 47891	31.96	-	-	-
Mango Daquiri 47971	29.43	-	-	-
Mile High Slurpee 48142	27.44	-	-	-
Permanent Sunset 47972	27.6	-	-	-
Purple Chemdawg 48064	26.29	-	-	-
Purple Rain 01	29.7	-	-	-
Purple Rain 02	27.79	-	-	-
Purple Rain 03	28.33	-	-	-
Purple Rain 04	26.04	-	-	-
Purple Rain 09	25.84	-	-	-
Rainbow Zangria 47576	29.95	-	-	-
Russian Assassin 47973	28.88	-	-	-
Sade 47577	31.47	-	-	-
Sour Diesel x Headband 47974	31.03	-	-	-
Sour Durban 47975	28	-	-	-
Watermelon Rain 47976	28.05	-	-	-
Zangria 47578	28.1	-	-	-

Amplification Plots:

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

















