



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4480

Target pathogen: Hop Latent Viroid

26 October 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/22/2025**Date Received:** 10/23/2025**Date Reported:** 10/26/2025**Total samples:** 42**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	-	25.6	-	+
.Positive Control 2	-	-	27.24	+
Gruntz 47610	25.29	-	-	-
Gruntz 47611	27.3	-	-	-
Gruntz 47612	25.95	-	-	-
Gruntz 47613	25.8	-	-	-
Gruntz 47614	25.3	-	-	-
Gruntz 47615	24.16	-	-	-
Gruntz 47616	25.41	-	-	-
Gush Mints 47606	24.16	-	-	-
Gush Mints 47607	23.24	-	-	-
Gush Mints 47608	25.33	-	-	-
Gush Mints 47609	27.34	-	-	-
Ice Cream Cake 47604	28.78	-	-	-
Ice Cream Cake 47605	29.34	-	-	-
Illemonatti 47597	27.08	-	-	-
Illemonatti 47598	25.35	-	-	-
Illemonatti 47599	28.81	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Illemonatti 47600	27.26	-	-	-
Illemonatti 47601	27.78	-	-	-
Illemonatti 47602	26.74	-	-	-
Illemonatti 47603	27.71	-	-	-
Melted Strawberries 47593	26.95	-	-	-
Melted Strawberries 47594	26.26	-	-	-
Melted Strawberries 47595	25.67	-	-	-
Melted Strawberries 47596	25.65	-	-	-
Punch Breath 47583	23.1	-	-	-
Punch Breath 47584	23.87	-	-	-
Punch Breath 47585	23.52	-	-	-
Punch Breath 47586	23.12	-	-	-
Punch Breath 47587	24.72	-	-	-
Purple Chrome 47579	25.21	-	-	-
Purple Chrome 47580	23.33	-	-	-
Purple Chrome 47581	24.63	-	-	-
Purple Chrome 47582	24.04	-	-	-
Smashburger 47568	22.54	-	-	-
Smashburger 47569	22.62	-	-	-
Smashburger 47570	22.89	-	-	-
Smashburger 47571	26.4	-	-	-
Trap Fuel 47563	23.26	-	-	-
Trap Fuel 47564	24.45	-	-	-
Trap Fuel 47565	24.38	-	-	-
Trap Fuel 47566	25.52	-	-	-
Trap Fuel 47567	24.55	-	-	-

Amplification Plots:

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











