



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4382

Target pathogen: Hop Latent Viroid

12 September 2025

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 09/09/2025**Date Received:** 09/11/2025**Date Reported:** 09/12/2025**Total samples:** 88**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	-	26.21	-	+
.Positive 2	-	-	24.2	+
Cookie Monger 47333	30.88	-	-	-
Cookie Monger 47334	31.22	-	-	-
Cookie Monger 47335	30.94	-	-	-
Cookie Monger 47336	29.22	-	-	-
Cookie Monger 47337	31.47	-	-	-
Cookie Monger 47338	28.54	-	-	-
Cookie Monger 47339	27.85	-	-	-
Gary Payton 47340	29.35	-	-	-
Gary Payton 47341	29.67	-	-	-
Gary Payton 47342	28.18	-	-	-
Gary Payton 47343	29.94	-	-	-
Gary Payton 47344	29.19	-	-	-
Gastro Pop 47345	29.8	-	-	-
Gastro Pop 47346	29.18	-	-	-
Gastro Pop 47347	31	-	-	-
Gastro Pop 47348	29.73	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Grape Gasoline 47349	30	-	-	-
Grape Gasoline 47350	31.45	-	-	-
Grape Gasoline 47351	29.71	-	-	-
Grape Gasoline 47352	29.06	-	-	-
Grape Gasoline 47353	29.43	-	-	-
Gush Mints 47354	29.83	-	-	-
Gush Mints 47355	29.51	-	-	-
Gush Mints 47356	28.73	-	-	-
Gush Mints 47357	28.99	-	-	-
Ice Cream Cake 47358	29.92	-	-	-
Ice Cream Cake 47359	29.65	-	-	-
Ice Cream Cake 47360	28.7	-	-	-
Ice Cream Cake 47361	29.59	-	-	-
Ice Cream Cake 47362	29.52	-	-	-
Jack Herer 47363	30.92	-	-	-
Jack Herer 47364	31.44	-	-	-
Jack Herer 47365	29.39	-	-	-
Jack Herer 47366	29.2	-	-	-
Jack Herer 47367	30.08	-	-	-
Jack Herer 47368	28.14	-	-	-
Lizard Burger #8 47369	28.24	-	-	-
Lizard Burger #8 47370	31.33	-	-	-
Lizard Burger #8 47371	30.44	-	-	-
Lizard Burger #8 47372	30.55	-	-	-
Lizard Burger #8 47373	31.84	-	-	-
Mac N Jack 47374	28.5	-	-	-
Mac N Jack 47375	28.78	-	-	-
Mac N Jack 47376	28.93	-	-	-
Mac N Jack 47377	28.55	-	-	-
Mac N Jack 47378	29.01	-	-	-
Mac N Jack 47379	28.57	-	-	-
Punch Breath 47380	28.95	-	-	-
Punch Breath 47381	30.38	-	-	-
Punch Breath 47382	30.57	-	-	-
Punch Breath 47383	28.09	-	-	-
Punch Breath 47384	31.62	-	-	-
Purple Chrome 47385	29.25	-	-	-
Purple Chrome 47386	29.92	-	-	-
Purple Chrome 47387	29.22	-	-	-
Purple Chrome 47388	27.55	-	-	-
Purple Chrome 47389	29.1	-	-	-
Smashburger 47390	27.68	-	-	-
Smashburger 47391	28.78	-	-	-
Smashburger 47392	27.55	-	-	-
Smashburger 47393	29.85	-	-	-
Smashburger 47394	27.97	-	-	-
Sub Zero 47395	27.74	-	-	-
Sub Zero 47396	28.02	-	-	-
Sub Zero 47397	27.34	-	-	-
Sub Zero 47398	27.46	-	-	-
Supreme Lee Hi 47399	28.34	-	-	-
Supreme Lee Hi 47400	29.42	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Supreme Lee Hi 47401	29.62	-	-	-
Supreme Lee Hi 47402	30.01	-	-	-
Supreme Lee Hi 47403	28.73	-	-	-
Tiger's Blood 47404	29.64	-	-	-
Tiger's Blood 47405	32.01	-	-	-
Tiger's Blood 47406	28.19	-	-	-
Tiger's Blood 47407	30.75	-	-	-
Tiger's Blood 47408	29.99	-	-	-
Tiger's Blood 47409	29.34	-	-	-
Tiger's Blood 47410	30.69	-	-	-
Trap Fuel 47411	29.17	-	-	-
Trap Fuel 47412	27.87	-	-	-
Trap Fuel 47413	29.35	-	-	-
Trap Fuel 47414	28.89	-	-	-
Trap Fuel 47415	30.59	-	-	-
Trap Fuel 47416	30.3	-	-	-
Wingsuit 47424	28.77	-	-	-
Wingsuit 47425	26.84	-	-	-
Wingsuit 47426	30.33	-	-	-
Wingsuit 47427	28.33	-	-	-

Amplification Plots:

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























