



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4331

Target pathogen: Hop Latent Viroid

22 August 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 08/20/2025**Date Received:** 08/21/2025**Date Reported:** 08/22/2025**Total samples:** 84**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	-	30.34	-	+
.Positive 2	-	-	28.39	+
Honey Banana 47247	28.09	-	-	-
Honey Banana 47248	27.93	-	-	-
Honey Banana 47249	27.79	-	-	-
Honey Banana 47250	27.95	-	-	-
Kozeto 47251	26.82	-	-	-
Kozeto 47252	27.56	-	-	-
Kozeto 47253	28.19	-	-	-
Kozeto 47254	28.32	-	-	-
Lazer Wolf 47255	28.41	-	-	-
Lazer Wolf 47256	28.18	-	-	-
Lazer Wolf 47257	27.44	-	-	-
Lazer Wolf 47258	28.12	-	-	-
Lemon Cherry Gelato 47263	26.34	-	-	-
Lemon Cherry Gelato 47264	27.08	-	-	-
Lemon Cherry Gelato 47265	27.09	-	-	-
Lemon Cherry Gelato 47266	26.38	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Lemon Cherry Gelato 47267	26.64	-	-	-
Lemon Cherry Gelato 47268	26.38	-	-	-
Lemon Pastries 47277	27.26	-	-	-
Lemon Pastries 47278	25.46	-	-	-
Lemon Pastries 47279	25.95	-	-	-
Lemon Pastries 47280	25.21	-	-	-
Maui True Blood 47285	28.05	-	-	-
Maui True Blood 47286	23.83	-	-	-
Maui True Blood 47287	23.98	-	-	-
Maui True Blood 47288	25.63	-	-	-
Maui True Blood 47289	27.01	-	-	-
Mojo Dojo 47294	25.06	-	-	-
Mojo Dojo 47295	26.05	-	-	-
Mojo Dojo 47296	26	-	-	-
Mojo Dojo 47297	30.18	-	-	-
Mule Fuel 47301	26.09	-	-	-
Mule Fuel 47302	24.27	-	-	-
Mule Fuel 47303	25.25	-	-	-
Mule Fuel 47304	25.32	-	-	-
Mutenant Dan 47298	26.11	-	-	-
Mutenant Dan 47299	26.95	-	-	-
Mutenant Dan 47300	27.96	-	-	-
Nimbus Snacks 47022	27.96	-	-	-
Permanent Lee Hi 47153	28.16	-	-	-
Permanent Lee Hi 47154	28.53	-	-	-
Permanent Lee Hi 47155	26.58	-	-	-
Permanent Lee Hi 47156	28.2	-	-	-
Permanent Lee Hi 47157	27.96	-	-	-
Permanent Lee Hi 47158	26.82	-	-	-
Permanent Lee Hi 47159	32.13	-	-	-
Pink RNTZ 47290	27.31	-	-	-
Pink RNTZ 47291	30.11	-	-	-
Pink RNTZ 47292	24.99	-	-	-
Pink RNTZ 47293	25.43	-	-	-
Purple Milk 47186	26.21	-	-	-
Purple Milk 47187	24.73	-	-	-
Purple Milk 47188	25.29	-	-	-
Purple Milk 47189	25.69	-	-	-
Purple Milk 47190	26	-	-	-
Purple Milk 47191	25.38	-	-	-
Purple Milk 47192	24.46	-	-	-
Southern Sunset 47281	25.86	-	-	-
Southern Sunset 47282	30.59	-	-	-
Southern Sunset 47283	27.53	-	-	-
Southern Sunset 47284	25.05	-	-	-
Spritzer 47269	25.14	-	-	-
Spritzer 47270	23.8	-	-	-
Spritzer 47271	24.82	-	-	-
Spritzer 47272	25.06	-	-	-
Tokyo Fuzz 47259	22.9	-	-	-
Tokyo Fuzz 47260	25.24	-	-	-
Tokyo Fuzz 47261	26.07	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Tokyo Fuzz 47262	24.93	-	-	-
Tropicanna Cherries 47232	25.49	-	-	-
Tropicanna Cherries 47233	26.1	-	-	-
Tropicanna Cherries 47234	25.46	-	-	-
Tropicanna Cherries 47235	26.18	-	-	-
Tropicanna Cherries 47236	25.38	-	-	-
Tropicanna Cherries 47237	25.8	-	-	-
White Choc Chip 47222	24.9	-	-	-
White Choc Chip 47223	24.07	-	-	-
White Choc Chip 47224	28.94	-	-	-
White Choc Chip 47225	27.93	-	-	-
White Choc Chip 47226	25.16	-	-	-
White Truffle 47218	28.34	-	-	-
White Truffle 47219	27.14	-	-	-
White Truffle 47220	25.64	-	-	-
White Truffle 47221	23.47	-	-	-

Amplification Plots:

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























