



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4437

Target pathogen: Hop Latent Viroid

03 October 2025

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 10/01/2025**Date Received:** 10/02/2025**Date Reported:** 10/03/2025**Total samples:** 50**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	-	22.97	-	+
.Positive 2	-	-	24.97	+
Gorilla Breath 47508	27.61	-	-	-
Gorilla Breath 47509	28.12	-	-	-
Gorilla Breath 47510	26.19	-	-	-
Gorilla Breath 47511	27.26	-	-	-
Lemon Cherry Gelato 47418	27.56	-	-	-
Lemon Cherry Gelato 47419	25.73	-	-	-
Lemon Cherry Gelato 47420	28.48	-	-	-
Lemon Cherry Gelato 47421	23.7	-	-	-
Lemon Cherry Gelato 47422	23.66	-	-	-
Lemon Cherry Gelato 47423	24.44	-	-	-
Lemon Pastries 47448	26.41	-	-	-
Lemon Pastries 47449	24.8	-	-	-
Lemon Pastries 47450	26.2	-	-	-
Lemon Pastries 47451	26.16	-	-	-
Mutenant Dan 47298	24.73	-	-	-
Mutenant Dan 47299	26.64	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Mutenant Dan 47300	26.83	-	-	-
Pink RNTZ 47462	24.93	-	-	-
Pink RNTZ 47463	25.44	-	-	-
Pink RNTZ 47464	26.09	-	-	-
Pink RNTZ 47465	24.99	-	-	-
Raindrops 47466	26.59	-	-	-
Raindrops 47467	26.83	-	-	-
Raindrops 47468	28.21	-	-	-
Raindrops 47469	28.24	-	-	-
Southern Sunset 47477	24.93	-	-	-
Southern Sunset 47478	25.16	-	-	-
Southern Sunset 47479	25.17	-	-	-
Southern Sunset 47480	27.29	-	-	-
The Bridge 47491	25.13	-	-	-
The Bridge 47492	27.32	-	-	-
The Bridge 47493	25.39	-	-	-
The Bridge 47494	26.87	-	-	-
The Bridge 47495	25.58	-	-	-
The Bridge 47496	25.97	-	-	-
Trapzilla 47487	27.19	-	-	-
Trapzilla 47488	24.74	-	-	-
Trapzilla 47489	25.95	-	-	-
Trapzilla 47490	26.62	-	-	-
Tropicanna Cherries 47481	25.91	-	-	-
Tropicanna Cherries 47482	27.2	-	-	-
Tropicanna Cherries 47483	26.3	-	-	-
Tropicanna Cherries 47484	26.15	-	-	-
Tropicanna Cherries 47485	26.9	-	-	-
Tropicanna Cherries 47486	24.95	-	-	-
White Choc Chip 47512	26.21	-	-	-
White Choc Chip 47513	29.67	-	-	-
White Choc Chip 47514	27.53	-	-	-
White Choc Chip 47515	27.17	-	-	-
White Choc Chip 47516	31.53	-	-	-

Amplification Plots:

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













