



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3086

Target pathogen: Hop Latent Viroid

07 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/05/2025
Date Received: 03/07/2025
Date Reported: 03/07/2025
Total samples: 79

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

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	25.78	-	+
.Positive 2	-	-	27.91	+
Moroccan Peaches 01	26.73	-	-	-
Moroccan Peaches 02	26.56	-	-	-
Moroccan Peaches 06	26.99	-	-	-
Moroccan Peaches 08	26.11	-	-	-
Moroccan Peaches 11	27.5	-	-	-
Moroccan Peaches 14	26.38	-	-	-
Moroccan Peaches 18	26.95	-	-	-
Moroccan Peaches 21	25.97	-	-	-
Moroccan Peaches 25	25.06	-	-	-
Mutenant Dan 01	27.14	-	-	-
Mutenant Dan 03	26.7	-	-	-
Mutenant Dan 06	26.36	-	-	-
Mutenant Dan 07	27.61	-	-	-
Mutenant Dan 11	28.55	-	-	-
Mutenant Dan 12	28.06	-	-	-
Mutenant Dan 15	27.7	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Mutenant Dan 18	28.61	-	-	-
Peak 112 46124	28.73	-	-	-
Peak 112 46125	27.95	-	-	-
Permafrost 01	27.58	-	-	-
Permafrost 02	27.9	-	-	-
Permafrost 03	28.38	-	-	-
Permafrost 05	27.46	-	-	-
Pineapple Candy 45485	30.48	-	-	-
Pineapple Candy 45486	32.3	-	-	-
Purple Milk 45975	29.81	-	-	-
Purple Milk 45976	30.21	-	-	-
Raindrops 01	27.37	-	-	-
Raindrops 02	26.67	-	-	-
Raindrops 03	27.07	-	-	-
Raindrops 04	27.6	-	-	-
Raindrops 05	25	-	-	-
Red Eye 45971	29.22	-	-	-
Red Eye 45972	28.9	-	-	-
Red Panda 45973	29.71	-	-	-
Red Panda 45974	28.99	-	-	-
RPM 45969	30.63	-	-	-
RPM 45970	29.31	-	-	-
The Bridge 02	25.62	-	-	-
The Bridge 03	28.13	-	-	-
The Bridge 07	28.71	-	-	-
The Bridge 09	25.59	-	-	-
The Bridge 10	26.9	-	-	-
The Bridge 21	26.59	-	-	-
The Bridge 22	27.35	-	-	-
The Bridge 23	25.95	-	-	-
The Bridge 24	26.04	-	-	-
Tiger's Blood 01	27.99	-	-	-
Tiger's Blood 02	27.7	-	-	-
Tiger's Blood 03	28.38	-	-	-
Tiger's Blood 04	27.94	-	-	-
Tiger's Blood 05	25.72	-	-	-
Tokyo Fuzz 45967	30.58	-	-	-
Tokyo Fuzz 45968	30.11	-	-	-
Tribute 45965	28.89	-	-	-
Tribute 45966	29.37	-	-	-
Twisted Churro 01	25.56	-	-	-
Twisted Churro 02	26.47	-	-	-
Twisted Churro 03	26.22	-	-	-
Twisted Churro 04	25.93	-	-	-
Twisted Churro 05	26.1	-	-	-
Warpaint 01	28.8	-	-	-
Warpaint 03	29.02	-	-	-
Warpaint 04	28	-	-	-
Warpaint 05	27.43	-	-	-
Watermelon Milkshake 45964	29.36	-	-	-
Watermelon Milkshake 46109	29.79	-	-	-
Wingsuit 46107	29.68	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Wingsuit 46108	29.41	-	-	-
Znowflakes 01	27.7	-	-	-
Znowflakes 02	27.53	-	-	-
Znowflakes 03	27.26	-	-	-
Znowflakes 04	26.77	-	-	-
Znowflakes 05	26.36	-	-	-
Zoltar 01	27.65	-	-	-
Zoltar 02	28.87	-	-	-
Zoltar 03	27.43	-	-	-
Zoltar 04	28.08	-	-	-
Zoltar 05	27.92	-	-	-

Amplification Plots:

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





















