



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1465

Target pathogen: Hop Latent Viroid

22 December 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 12/20/2023
Date Received: 12/21/2023
Date Reported: 12/22/2023
Total samples: 28

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	-	26.6	-	+
.Positive 2	-	-	25.62	+
8 inch Bagel 41692	26.52	-	-	-
Frozen Rose 41517	26.61	-	-	-
Frozen Rose 41518	28.16	-	-	-
GG4 41683	27.03	-	-	-
Glitter Bomb 41690	27.24	-	-	-
Glitter Bomb 41691	27.91	-	-	-
Hawaiian Snow 41688	27.87	-	-	-
Hawaiian Snow 41689	27.24	-	-	-
New 1	27.89	-	-	-
New 2	27.72	-	-	-
New 3	25.88	-	-	-
New 4	27.85	-	-	-
New 5	30.91	-	-	-
New 6	31.21	-	-	-
Noize Complaint 41519	27.93	-	-	-
Pavé 41679	30.25	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Pavé 41686	30.18	-	-	-
Pavé 41687	28.12	-	-	-
Permanent Marker 41682	29.54	-	-	-
Redneck Bubba 41515	28.92	-	-	-
Redneck Bubba 41516	29.9	-	-	-
Studio 54 41521	29.09	-	-	-
Studio 54 41522	31.38	-	-	-
Studio 54 41681	28.99	-	-	-
Watermelon Gelato 41684	29.95	-	-	-
Watermelon Gelato 41685	28.98	-	-	-
Zoap 41678	28.62	-	-	-
Zoap 41680	29.27	-	-	-

Amplification Plots:

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









