



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1387

Target pathogen: Hop Latent Viroid

29 September 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 09/26/2023
Date Received: 09/29/2023
Date Reported: 09/29/2023
Total samples: 39

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	-	27.97	-	+
.Positive 2	-	-	28.15	+
Amaretto Sour 40190	30.32	-	-	-
Amaretto Sour 40191	27.33	-	-	-
Coconut Milk 40198	30.67	-	-	-
Coconut Milk 40199	27.59	-	-	-
Concrete Jungle 40200	26.78	-	-	-
Concrete Jungle 40201	24.98	-	-	-
E85 40204	27.23	-	-	-
E85 40205	26.85	-	-	-
Frozen Rose 01 A	27.09	-	-	-
Frozen Rose 02 A	27.09	-	-	-
Frozen Rose 03 A	28.52	-	-	-
Frozen Rose 04 A	27.76	-	-	-
Frozen Rose 05 A	29.28	-	-	-
GG4 GS	27.79	-	-	-
Jackie Robinson 40212	27.42	-	-	-
Jackie Robinson 40213	30.95	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Noize Complaint 01 A	27.05	-	-	-
Noize Complaint 02 A	26.85	-	-	-
Noize Complaint 03 A	27.68	-	-	-
Noize Complaint 04 A	27.5	-	-	-
Noize Complaint 05 A	27.16	-	-	-
Pave	26.74	-	-	-
Permanent Marker 40217	26.44	-	-	-
Permanent Marker GS	26.41	-	-	-
Pink Trufflez 40218	26.05	-	-	-
Pink Trufflez 40219	26.23	-	-	-
Redneck Bubba 01 A	27.22	-	-	-
Redneck Bubba 02 A	28.04	-	-	-
Redneck Bubba 03 A	27.67	-	-	-
Redneck Bubba 04 A	27.2	-	-	-
Redneck Bubba 05 A	27.74	-	-	-
Studio 54 GS	29.01	-	-	-
Studio 54 A	22.56	-	-	-
Studio 54 B	24.38	-	-	-
Watermelon Jealousy 40222	27.93	-	-	-
Watermelon Jealousy 40223	25.29	-	-	-
Zoap GS	28.91	-	-	-
Zonkerz 40196	25.4	-	-	-
Zonkerz 40197	30.22	-	-	-

Amplification Plots:

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











