



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1444

Target pathogen: Hop Latent Viroid

02 December 2023



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 11/29/2023
Date Received: 11/30/2023
Date Reported: 12/02/2023
Total samples: 51

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	-	27.86	-	+
.Positive 2	-	-	28.39	+
Jungle Juice 08 A	24.72	-	-	-
Jungle Juice 10 A	25.17	-	-	-
Jungle Juice 13 A	23.94	-	-	-
Jungle Juice 14 A	23.82	-	-	-
Kush Crasher 01 A	24.22	-	-	-
Kush Crasher 04 A	23.33	-	-	-
Kush Crasher 09 A	24.59	-	-	-
Kush Crasher 10 A	25.77	-	-	-
Kush Crasher 14 A	24.43	-	-	-
Mendo Coco 01 A	25.31	-	-	-
Mendo Coco 04 A	20.79	-	-	-
Mendo Coco 08 A	25.51	-	-	-
Mendo Coco 13 A	24.4	-	-	-
Mendo Coco 14 A	22.97	-	-	-
Mule Fuel 02 A	26.09	-	-	-
Mule Fuel 06 A	23.26	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Mule Fuel 10 A	22.6	-	-	-
Pink RNTZ 03 A	25.73	-	-	-
Pink RNTZ 05 A	23.22	-	-	-
Pink RNTZ 10 A	25.83	-	-	-
Pink RNTZ 14 A	25.57	-	-	-
Punch Breath 04 A	21.73	-	-	-
Punch Breath 06 A	23.05	-	-	-
Punch Breath 07 A	25.12	-	-	-
Punch Breath 09 A	22.95	-	-	-
Punch Breath 10 A	24.6	-	-	-
Punch Breath 11 A	25.18	-	-	-
Punch Breath 12 A	23.94	-	-	-
Punch Breath 15 A	26.46	-	-	-
Tropicanna Cherries 01 A	24.34	-	-	-
Tropicanna Cherries 04 A	25.88	-	-	-
Tropicanna Cherries 07 A	23.49	-	-	-
Tropicanna Cherries 08 A	24.63	-	-	-
Tropicanna Cherries 09 A	24.43	-	-	-
Tropicanna Cherries 10 A	25.3	-	-	-
Tropsicle 01 A	25.1	-	-	-
Tropsicle 04 A	22.94	-	-	-
Tropsicle 05 A	24.64	-	-	-
Tropsicle 07 A	25.48	-	-	-
Watermelon Jealousy 02 A	26.23	-	-	-
Watermelon Jealousy 03 A	24.81	-	-	-
Watermelon Jealousy 04 A	24.82	-	-	-
Watermelon Jealousy 06 A	23.01	-	-	-
Watermelon Jealousy 09 A	24.41	-	-	-
Watermelon Jealousy 12 A	24.25	-	-	-
Watermelon Jealousy 13 A	25.66	-	-	-
Watermelon Jealousy 14 A	23.31	-	-	-
White Truffle 01 A	24.95	-	-	-
White Truffle 06 A	26.19	-	-	-
White Truffle 08 A	23.7	-	-	-
White Truffle 09 A	27.48	-	-	-

Amplification Plots:

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













