



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: 3

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	-	29.67	-	+
.Positive 2	-	-	28.37	+
Cream Filling 5	21.65	-	-	-
Pink RNTZ 9	21.99	-	-	-
White Truffle 10	25.47	-	-	-

Amplification Plots:

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

