



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4040

Target pathogen: Hop Latent Viroid

28 March 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/26/2025
Date Received: 03/27/2025
Date Reported: 03/28/2025
Total samples: 14

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	-	25.92	-	+
.Positive 2	-	-	28.28	+
100 Rackz 46000	30.1	-	-	-
Adios Motherf*cker 45997	28.75	-	-	-
Azul Bluntz 45996	29.94	-	-	-
Blood Money 01	29.46	-	-	-
Blood Money 02	31.28	-	-	-
Blue Dream 46105	29.49	-	-	-
Blue Dream 46106	30.93	-	-	-
Blue Dream 46110	30.75	-	-	-
Blue Dream 46111	30.8	-	-	-
Blue Dream 46112	30.34	-	-	-
Blue Dream 46113	29.58	-	-	-
Blue Limonene 46123	30.02	-	-	-
Bob Hope 46279	29.65	-	-	-
BTY OG 46129	30.02	-	-	-

Amplification Plots:

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





