



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3014

Target pathogen: Hop Latent Viroid

10 January 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/06/2024
Date Received: 01/09/2024
Date Reported: 01/10/2025
Total samples: 33

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	-	28.34	-	+
.Positive 2	-	-	28.65	+
Black Amber 45758	32.48	-	-	-
Black Amber 45759	32.42	-	-	-
Black Amber 45760	28.69	-	-	-
Black Amber 45761	30.3	-	-	-
Black Amber 45762	31.19	-	-	-
Black Amber 45763	30.24	-	-	-
Black Amber 45764	32.31	-	-	-
Black Amber 45765	31.38	-	-	-
Cap Junky 45772	31.23	-	-	-
Cap Junky 45773	31.49	-	-	-
Cap Junky 45774	32.08	-	-	-
Cap Junky 45775	33.46	-	-	-
Cap Junky 45776	28.68	-	-	-
Gush Mints 45732	28.64	-	-	-
Gush Mints 45733	28.61	-	-	-
Gush Mints 45734	28.62	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gush Mints 45735	28.57	-	-	-
Purple Chrome #8 45810	29	-	-	-
Purple Chrome #8 45811	29.84	-	-	-
Purple Chrome #8 45812	29.9	-	-	-
Purple Chrome #8 45813	28.64	-	-	-
Purple Chrome #8 45814	31.21	-	-	-
Purple Chrome #8 45815	31.87	-	-	-
Purple Chrome #8 45816	31.13	-	-	-
Smashburger #27 45832	25.94	-	-	-
Smashburger #27 45833	27.15	-	-	-
Smashburger #27 45834	28.32	-	-	-
Smashburger #27 45835	26.58	-	-	-
Smashburger #27 45836	28.25	-	-	-
Smashburger #27 45837	28.98	-	-	-
Smashburger #27 45838	28.35	-	-	-
Smashburger #27 45839	30.34	-	-	-
Smashburger #27 45840	29.23	-	-	-

Amplification Plots:

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









