



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1761

Target pathogen: Hop Latent Viroid

17 May 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 05/15/2024
Date Received: 05/16/2024
Date Reported: 05/17/2024
Total samples: 45

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	-	23.44	-	+
.Positive 2	-	-	24.43	+
Pink RNTZ 42532	26.93	-	-	-
Pink RNTZ 42533	27.61	-	-	-
Pink RNTZ 42534	28.68	-	-	-
Pink RNTZ 42535	27.07	-	-	-
Pink RNTZ 42536	28.61	-	-	-
Pink RNTZ 42537	29.71	-	-	-
Pink RNTZ 42538	29.51	-	-	-
Punch Breath 42526	30.93	-	-	-
Punch Breath 42527	29.79	-	-	-
Punch Breath 42528	30.59	-	-	-
Punch Breath 42529	31.46	-	-	-
Punch Breath 42530	25.05	-	-	-
Punch Breath 42531	30.69	-	-	-
Spritzer 42518	31.49	-	-	-
Spritzer 42519	31.91	-	-	-
Spritzer 42520	31.16	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Spritzer 42521	30.29	-	-	-
Spritzer 42522	29.15	-	-	-
Spritzer 42523	30.07	-	-	-
Spritzer 42524	30.45	-	-	-
Spritzer 42525	28.86	-	-	-
Studio 54 42512	28.5	-	-	-
Studio 54 42513	29.34	-	-	-
Studio 54 42514	29.59	-	-	-
Studio 54 42515	28.86	-	-	-
Studio 54 42516	28.47	-	-	-
Super Charger 42639	30.61	-	-	-
Super Charger 42640	29.27	-	-	-
Super Charger 42641	28.59	-	-	-
Super Charger 42642	29.31	-	-	-
Super Charger 42643	29.65	-	-	-
Super Charger 42644	29.49	-	-	-
White Choc Chip #8 42564	27.67	-	-	-
White Choc Chip #8 42565	27.81	-	-	-
White Choc Chip #8 42566	27.54	-	-	-
White Choc Chip #8 42567	28.88	-	-	-
White Choc Chip #8 42568	29.09	-	-	-
White Choc Chip #8 42569	27.31	-	-	-
White Choc Chip #8 42570	29.59	-	-	-
White Choc Chip #8 42571	27.53	-	-	-
White Truffle 42501	29.97	-	-	-
White Truffle 42502	29.11	-	-	-
White Truffle 42503	29.71	-	-	-
White Truffle 42504	29.19	-	-	-
White Truffle 42505	30.43	-	-	-

Amplification Plots:

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











