



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1994

Target pathogen: Hop Latent Viroid

11 October 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 10/09/2024
Date Received: 10/10/2024
Date Reported: 10/11/2024
Total samples: 77

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	-	23.29	-	+
.Positive 2	-	-	28.51	+
Acai Gelato 45171	28.65	-	-	-
Acai Gelato 45172	28.14	-	-	-
Acai Gelato 45173	30.45	-	-	-
Acai Gelato 45174	29.17	-	-	-
Animal Mintz x Kush Mintz 42914	26.96	-	-	-
Apple Tartz 43778	28.54	-	-	-
Big Buns 43986	28.09	-	-	-
Big Buns 43987	28.79	-	-	-
Big Buns 43988	29.08	-	-	-
Black Amber 45175	30.21	-	-	-
Black Amber 45176	29.15	-	-	-
Black Amber 45177	29.91	-	-	-
Black Amber 45178	28.35	-	-	-
Black Amber 45179	28.43	-	-	-
Black Amber 45180	28.87	-	-	-
Black Amber 45181	27.93	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Black Amber 45182	28.6	-	-	-
Cap Junky 45183	28.11	-	-	-
Cap Junky 45184	29.19	-	-	-
Cap Junky 45185	29.57	-	-	-
Cap Junky 45186	29.91	-	-	-
Cap Junky 45187	29.88	-	-	-
Cherry Dosi 45188	27.86	-	-	-
Cherry Dosi 45189	27.85	-	-	-
Cherry Dosi 45190	27.67	-	-	-
Cherry Dosi 45191	27.88	-	-	-
Cherry Dosi 45192	27.83	-	-	-
Cherry Dosi 45193	29.5	-	-	-
Cherry Dosi 45194	28.42	-	-	-
Cherry Dosi 45195	28.75	-	-	-
Chicken & Waffles 45196	28.68	-	-	-
Chicken & Waffles 45197	28.68	-	-	-
Chicken & Waffles 45198	29.51	-	-	-
Chicken & Waffles 45199	27.54	-	-	-
Gush Mints 45222	27.11	-	-	-
Gush Mints 45223	28.78	-	-	-
Gush Mints 45224	27.95	-	-	-
Gush Mints 45225	27.55	-	-	-
Jack Murphy 45226	28.75	-	-	-
Jack Murphy 45227	28.29	-	-	-
Jack Murphy 45228	28.96	-	-	-
Jack Murphy 45229	28.06	-	-	-
Jack Murphy 45230	27.83	-	-	-
Jack Murphy 45231	30.03	-	-	-
Jack Murphy 45232	28.73	-	-	-
Lemon Cherry Gelato 44052	27.57	-	-	-
Lemon Cherry Gelato 44053	27.53	-	-	-
Lemon Cherry Gelato 44054	28.5	-	-	-
Lemon Cherry Gelato 44055	27.88	-	-	-
Lemon Cherry Gelato 44056	28.28	-	-	-
Tropicanna Cherries 44047	28.15	-	-	-
Tropicanna Cherries 44048	27.8	-	-	-
Tropicanna Cherries 44049	28.37	-	-	-
Tropicanna Cherries 44050	28.46	-	-	-
Tropicanna Cherries 44051	28.55	-	-	-
White Choc Chip #8 45250	28.02	-	-	-
White Choc Chip #8 45251	28.38	-	-	-
White Choc Chip #8 45252	28.01	-	-	-
White Choc Chip #8 45253	26.85	-	-	-
White Choc Chip #8 45254	27.95	-	-	-
White Truffle 45233	28.08	-	-	-
White Truffle 45234	28.13	-	-	-
White Truffle 45235	29.14	-	-	-
White Truffle 45236	29.78	-	-	-
White Truffle 45237	29.67	-	-	-
Wonder Dawg 45238	31.04	-	-	-
Wonder Dawg 45239	30.08	-	-	-
Wonder Dawg 45240	29.9	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Wonder Dawg 45241	28.1	-	-	-
Zazhimi 45242	27.99	-	-	-
Zazhimi 45243	27.49	-	-	-
Zazhimi 45244	27.97	-	-	-
Zazhimi 45245	27.35	-	-	-
Zazhimi 45246	27.13	-	-	-
Zazhimi 45247	27.53	-	-	-
Zazhimi 45248	27.14	-	-	-
Zazhimi 45249	28.03	-	-	-

Amplification Plots:

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





















