



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3072

Target pathogen: Hop Latent Viroid

14 February 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 02/12/2025
Date Received: 02/13/2025
Date Reported: 02/14/2025
Total samples: 78

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	-	27.16	-	+
.Positive 2	-	-	28.55	+
Amaretto Sour 45959	27.08	-	-	-
Amaretto Sour 45960	26.64	-	-	-
Amaretto Sour 45961	27.17	-	-	-
Amaretto Sour 45962	25.74	-	-	-
Amaretto Sour 45963	27.49	-	-	-
Black Amber 46087	27.26	-	-	-
Black Amber 46088	29.06	-	-	-
Black Amber 46089	28.9	-	-	-
Black Amber 46090	26.62	-	-	-
Black Amber 46091	28.85	-	-	-
Black Amber 46092	28.63	-	-	-
Black Amber 46093	28.15	-	-	-
Black Amber 46094	27.91	-	-	-
Black Amber 46095	27.55	-	-	-
Bluemososa 45957	29.41	-	-	-
Bluemososa 45958	28.15	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 46081	28.18	-	-	-
Cap Junky 46082	27.43	-	-	-
Cap Junky 46083	26.94	-	-	-
Cap Junky 46084	27.36	-	-	-
Cap Junky 46085	26.74	-	-	-
Gary Payton 45940	29.39	-	-	-
Gary Payton 45941	29.32	-	-	-
Gary Payton 45942	27.2	-	-	-
Gary Payton 45943	29.52	-	-	-
Gary Payton 45944	27.34	-	-	-
Gary Payton 45945	29.82	-	-	-
Gary Payton 45946	27.46	-	-	-
Gary Payton 45947	27.88	-	-	-
Gary Payton 45948	29.72	-	-	-
Gary Payton 45949	27.68	-	-	-
Gary Payton 45950	27.28	-	-	-
Gary Payton 45951	29.22	-	-	-
Gastro Pop #2 45933	28.29	-	-	-
Gastro Pop #2 45934	29.56	-	-	-
Gastro Pop #2 45935	27.63	-	-	-
Gastro Pop #2 45936	27.43	-	-	-
Gastro Pop #2 45937	27.38	-	-	-
Gastro Pop #2 45938	29.62	-	-	-
Gastro Pop #2 45939	29.26	-	-	-
Glitter Bomb 45908	27.53	-	-	-
Glitter Bomb 45909	26.76	-	-	-
Glitter Bomb 45910	27.95	-	-	-
Glitter Bomb 45911	28.95	-	-	-
Glitter Bomb 45912	27.46	-	-	-
Gush Mints 46009	29.86	-	-	-
Gush Mints 46040	27.85	-	-	-
Gush Mints 46041	29.07	-	-	-
Gush Mints 46043	29.19	-	-	-
Gush Mints 46044	27.61	-	-	-
Ice Cream Cake 46026	27.43	-	-	-
Ice Cream Cake 46027	27.57	-	-	-
Ice Cream Cake 46028	25.7	-	-	-
Ice Cream Cake 46029	26.03	-	-	-
Ice Cream Cake 46030	27.02	-	-	-
Ice Cream Cake 46031	27.79	-	-	-
Ice Cream Cake 46032	28.46	-	-	-
Island Cookies 45925	30.79	-	-	-
Island Cookies 45926	29.53	-	-	-
Island Cookies 45927	27.9	-	-	-
Island Cookies 45928	29.37	-	-	-
Island Cookies 45929	28.08	-	-	-
Island Cookies 45930	29.26	-	-	-
Jack Murphy 45886	27.35	-	-	-
Jack Murphy 45887	30.17	-	-	-
Jack Murphy 45888	27.79	-	-	-
Jack Murphy 45889	28.52	-	-	-
Jack Murphy 45890	28.11	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Jack Murphy 45891	30.03	-	-	-
Jack Murphy 45892	24.86	-	-	-
Lizard Burger #8 45870	27.03	-	-	-
Lizard Burger #8 45871	29.22	-	-	-
Lizard Burger #8 45872	29.95	-	-	-
Lizard Burger #8 45873	28.96	-	-	-
Lizard Burger #8 45874	29.01	-	-	-
Lizard Burger #8 45875	29.43	-	-	-
Lizard Burger #8 45876	30.12	-	-	-
Lizard Burger #8 45877	29.96	-	-	-

Amplification Plots:

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





















