



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 3014

Target pathogen: Hop Latent Viroid

06 January 2025



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 01/01/2025
Date Received: 01/03/2025
Date Reported: 01/06/2025
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	-	29.22	-	+
.Positive 2	-	-	28.27	+
Amaretto Sour 45721	27.98	-	-	-
Amaretto Sour 45722	28.45	-	-	-
Amaretto Sour 45723	29.52	-	-	-
Amaretto Sour 45724	31.03	-	-	-
Amaretto Sour 45725	28.99	-	-	-
Amaretto Sour 45726	29.27	-	-	-
Black Maple 45716	28.62	-	-	-
Black Maple 45717	28	-	-	-
Black Maple 45718	28.27	-	-	-
Black Maple 45719	28.03	-	-	-
Black Maple 45720	29.86	-	-	-
Cali Burger 45712	29.81	-	-	-
Cali Burger 45713	29.56	-	-	-
Cali Burger 45714	29.04	-	-	-
Cali Burger 45715	28.39	-	-	-
Garlic Juice 45707	26.76	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Garlic Juice 45708	28.02	-	-	-
Garlic Juice 45709	27.42	-	-	-
Garlic Juice 45710	29.33	-	-	-
Garlic Juice 45711	27.66	-	-	-
Gastro Pop #2 45321	29.92	-	-	-
Gastro Pop #2 45322	28.59	-	-	-
Gastro Pop #2 45323	30.3	-	-	-
Gastro Pop #2 45324	29.71	-	-	-
Gastro Pop #2 45325	29.32	-	-	-
Gastro Pop #2 45326	30.09	-	-	-
Gastro Pop #2 45327	29.21	-	-	-
Grape Gasoline 45696	30.96	-	-	-
Grape Gasoline 45697	29.91	-	-	-
Grape Gasoline 45698	28.26	-	-	-
Grape Gasoline 45699	28.69	-	-	-
Grape Gasoline 45700	28.6	-	-	-
Grape Gasoline 45701	25.99	-	-	-
Grape Gasoline 45702	28.58	-	-	-
Grape Gasoline 45703	28.58	-	-	-
Grape Gasoline 45704	28.76	-	-	-
Grape Gasoline 45705	29.03	-	-	-
Grape Gasoline 45706	29.96	-	-	-
Jack Herer 45689	26.82	-	-	-
Jack Herer 45690	28.69	-	-	-
Jack Herer 45691	28.3	-	-	-
Jack Herer 45692	28.09	-	-	-
Jack Herer 45693	28.1	-	-	-
Jack Herer 45694	29.52	-	-	-
Jack Herer 45695	29.9	-	-	-
Lizard Burger #8 45681	28.82	-	-	-
Lizard Burger #8 45682	29.51	-	-	-
Lizard Burger #8 45683	30.07	-	-	-
Lizard Burger #8 45684	27.2	-	-	-
Lizard Burger #8 45685	27.39	-	-	-
Lizard Burger #8 45686	29.24	-	-	-
Lizard Burger #8 45687	26.92	-	-	-
Lizard Burger #8 45688	26.96	-	-	-
Menage 45675	28	-	-	-
Menage 45676	27.37	-	-	-
Menage 45677	26.74	-	-	-
Menage 45678	27.01	-	-	-
Menage 45679	27.66	-	-	-
Menage 45680	27.95	-	-	-
Modified Grapes 45670	28.66	-	-	-
Modified Grapes 45671	29.85	-	-	-
Modified Grapes 45672	26.7	-	-	-
Modified Grapes 45673	28.76	-	-	-
Modified Grapes 45674	27.35	-	-	-
OMG 45663	28.17	-	-	-
OMG 45664	27.4	-	-	-
OMG 45665	26.11	-	-	-
OMG 45666	27.12	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
OMG 45667	27.53	-	-	-
OMG 45668	28.15	-	-	-
OMG 45669	28.27	-	-	-
Papaya Juice 45656	28.05	-	-	-
Papaya Juice 45657	26.73	-	-	-
Papaya Juice 45658	25.95	-	-	-
Papaya Juice 45659	27.75	-	-	-
Papaya Juice 45660	26.84	-	-	-
Papaya Juice 45661	27.28	-	-	-
Papaya Juice 45662	30.02	-	-	-

Amplification Plots:

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





















