



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1589

Target pathogen: Hop Latent Viroid

15 March 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 03/13/2024
Date Received: 03/14/2024
Date Reported: 03/15/2024
Total samples: 80

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	-	23.38	-	+
.Positive 2	-	-	30.12	+
Acai Gelato 42161	29.51	-	-	-
Acai Gelato 42162	28.99	-	-	-
Acai Gelato 42163	29.31	-	-	-
Acai Gelato 42164	28.05	-	-	-
Acai Gelato 42165	28.85	-	-	-
Acai Gelato 42166	28.27	-	-	-
Banana Bread 42157	29.02	-	-	-
Banana Bread 42158	29.57	-	-	-
Banana Bread 42159	29.15	-	-	-
Banana Bread 42160	27.83	-	-	-
Banana Bread 42167	29.85	-	-	-
Banana Bread 42168	30.02	-	-	-
Banana Bread 42169	29.13	-	-	-
Banana Bread 42170	27.78	-	-	-
Cap Junky 42151	27.89	-	-	-
Cap Junky 42152	27.75	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cap Junky 42153	27.74	-	-	-
Cap Junky 42154	27.38	-	-	-
Cap Junky 42155	27.89	-	-	-
Carbon Fiber 42143	27.91	-	-	-
Carbon Fiber 42144	27.63	-	-	-
Carbon Fiber 42145	28.79	-	-	-
Carbon Fiber 42146	28.98	-	-	-
Carbon Fiber 42147	29.41	-	-	-
Carbon Fiber 42148	29.1	-	-	-
Carbon Fiber 42149	29.22	-	-	-
Carbon Fiber 42150	29.29	-	-	-
Cream Filling 42046	26.19	-	-	-
Cream Filling 42047	27.17	-	-	-
Cream Filling 42048	27.5	-	-	-
Cream Filling 42049	27.48	-	-	-
Cream Filling 42050	29.02	-	-	-
Cream Filling 42051	28.41	-	-	-
Cream Filling 42052	27.66	-	-	-
Cream Filling 42053	29.48	-	-	-
Frozen Rose 42139	27.91	-	-	-
Frozen Rose 42140	26.98	-	-	-
Frozen Rose 42141	27.61	-	-	-
Frozen Rose 42142	27.79	-	-	-
Frozen Rose 42156	28.31	-	-	-
Gas Face #1 41935	26.53	-	-	-
Gas Face #1 41936	27.37	-	-	-
Gas Face #1 41937	29.03	-	-	-
Gas Face #1 41938	28.22	-	-	-
Gas Face #1 41939	27.84	-	-	-
Gas Face #1 41940	29.37	-	-	-
Goofiez 42121	28.44	-	-	-
Goofiez 42122	29.33	-	-	-
Goofiez 42123	30.04	-	-	-
Goofiez 42124	27.26	-	-	-
Goofiez 42125	27.87	-	-	-
Goofiez 42126	26.91	-	-	-
Goofiez 42127	27.49	-	-	-
Goofiez 42128	28.76	-	-	-
Goofiez 42129	30.3	-	-	-
Goofiez 42130	29.17	-	-	-
Gush Mints 42116	28.39	-	-	-
Gush Mints 42117	28.86	-	-	-
Gush Mints 42118	27.37	-	-	-
Gush Mints 42119	27.67	-	-	-
Gush Mints 42120	26.86	-	-	-
Ice Cream Cake 42038	27.69	-	-	-
Ice Cream Cake 42039	27.75	-	-	-
Ice Cream Cake 42040	28.25	-	-	-
Ice Cream Cake 42041	27.04	-	-	-
Ice Cream Cake 42042	28.97	-	-	-
Ice Cream Cake 42043	27.98	-	-	-
Ice Cream Cake 42044	27.99	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Ice Cream Cake 42045	28.84	-	-	-
Noize Complaint 42103	27.25	-	-	-
Noize Complaint 42104	27.88	-	-	-
Noize Complaint 42105	27.49	-	-	-
Noize Complaint 42106	27.75	-	-	-
Noize Complaint 42107	28.39	-	-	-
Pink RNTZ 42097	27.84	-	-	-
Pink RNTZ 42098	25.96	-	-	-
Pink RNTZ 42099	28.91	-	-	-
Pink RNTZ 42100	28.16	-	-	-
Pink RNTZ 42101	28.27	-	-	-
Pink RNTZ 42102	27.5	-	-	-

Amplification Plots:

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





















