



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: 71

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	-	25.06	-	+
.Positive 2	-	-	28.18	+
Maui True Blood 45851	29.25	-	-	-
Maui True Blood 45852	29.39	-	-	-
Maui True Blood 45853	28.42	-	-	-
Maui True Blood 45854	27.62	-	-	-
Maui True Blood 45855	27.13	-	-	-
Maui True Blood 45856	28.58	-	-	-
Melted Strawberries 45841	28.07	-	-	-
Melted Strawberries 45842	29.9	-	-	-
Melted Strawberries 45843	29.7	-	-	-
Melted Strawberries 45844	28.77	-	-	-
Melted Strawberries 45845	28.83	-	-	-
Punch Breath 45846	28.47	-	-	-
Punch Breath 45847	28.19	-	-	-
Punch Breath 45848	26.17	-	-	-
Punch Breath 45849	27.71	-	-	-
Punch Breath 45850	26.47	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Purple Chrome #8 45857	29.19	-	-	-
Purple Chrome #8 45858	28.88	-	-	-
Purple Chrome #8 45859	27.47	-	-	-
Purple Chrome #8 45860	26.55	-	-	-
Purple Chrome #8 45861	28.36	-	-	-
Purple Chrome #8 45862	28.89	-	-	-
Purple Chrome #8 45863	28.57	-	-	-
Smashburger #27 46016	28.13	-	-	-
Smashburger #27 46017	29.96	-	-	-
Smashburger #27 46018	28.85	-	-	-
Smashburger #27 46019	28.44	-	-	-
Smashburger #27 46020	29.9	-	-	-
Smashburger #27 46021	28.54	-	-	-
Smashburger #27 46022	29.23	-	-	-
Smashburger #27 46023	28.61	-	-	-
Smashburger #27 46024	29.93	-	-	-
Smashburger #27 46025	29.1	-	-	-
Spritzer 45864	29.16	-	-	-
Spritzer 45866	30.33	-	-	-
Spritzer 45867	28.15	-	-	-
Spritzer 45868	28.03	-	-	-
Spritzer 45869	29.34	-	-	-
Supreme Lee Hi 45878	28.72	-	-	-
Supreme Lee Hi 45879	28.29	-	-	-
Supreme Lee Hi 45880	28.26	-	-	-
Supreme Lee Hi 45881	27.1	-	-	-
Supreme Lee Hi 45882	28.95	-	-	-
Supreme Lee Hi 45883	28.61	-	-	-
Supreme Lee Hi 45884	28.07	-	-	-
Supreme Lee Hi 45885	28.36	-	-	-
Trap Fuel 45893	27.5	-	-	-
Trap Fuel 45894	28.16	-	-	-
Trap Fuel 45895	28.28	-	-	-
Trap Fuel 45896	28.95	-	-	-
Trap Fuel 45897	30.1	-	-	-
Trap Fuel 45898	27.95	-	-	-
Trap Fuel 45899	27.94	-	-	-
Trap Fuel 45900	29.36	-	-	-
Velvet Cherry 45901	28.11	-	-	-
Velvet Cherry 45902	28.49	-	-	-
Velvet Cherry 45903	28.04	-	-	-
Velvet Cherry 45904	28.78	-	-	-
Velvet Cherry 45905	26.39	-	-	-
Velvet Cherry 45906	27.51	-	-	-
Velvet Cherry 45907	28.45	-	-	-
White Choc Chip #8 45918	28.69	-	-	-
White Choc Chip #8 45919	30.47	-	-	-
White Choc Chip #8 45920	29.71	-	-	-
White Choc Chip #8 45921	28.3	-	-	-
White Choc Chip #8 45922	28.42	-	-	-
Zlurpee 45913	29.77	-	-	-
Zlurpee 45914	28.26	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Zlurpee 45915	28	-	-	-
Zlurpee 45916	28.7	-	-	-
Zlurpee 45917	28.6	-	-	-

Amplification Plots:

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



















