



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 4545

Target pathogen: Hop Latent Viroid

05 December 2025

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 12/03/2025**Date Received:** 12/05/2025**Date Reported:** 12/05/2025**Total samples:** 79**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_TEXCELLENT: 27 - 30 C_TGREAT: 30 - 32 C_TOKAY: 32 - 35 C_TFAIL: >35 C_T**HLVd** - Detection C_T and relative amount of HLVd in the sample:HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Sample	Control	HLVd #1	HLVd #2	HLVd Status
.Positive Control 1	-	27.08	-	+
.Positive Control 2	-	-	26.87	+
Azul Bluntz 47680	29.11	-	-	-
Azul Bluntz 47681	27.76	-	-	-
Azul Bluntz 47682	27.48	-	-	-
Azul Bluntz 47683	27.72	-	-	-
Canal Street RNTZ 47789	27.52	-	-	-
Canal Street RNTZ 47790	28.34	-	-	-
Canal Street RNTZ 47791	27.91	-	-	-
Canal Street RNTZ 47792	25.45	-	-	-
Cap Junky 47795	26.85	-	-	-
Cap Junky 47804	27.32	-	-	-
Cap Junky 47805	27.74	-	-	-
Cap Junky 47806	27.33	-	-	-
Cap Junky 47885	27.87	-	-	-
Cap Junky 47887	28.34	-	-	-
Chimera Junky 47807	28.64	-	-	-
Chimera Junky 47809	26.75	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Chimera Junky 47810	28.21	-	-	-
Gary Payton 47811	27.57	-	-	-
Gary Payton 47812	28.05	-	-	-
Gary Payton 47813	27.57	-	-	-
Gary Payton 47814	28.78	-	-	-
Gary Payton 47815	28.04	-	-	-
Grape Gasoline 47820	29.44	-	-	-
Grape Gasoline 47821	30.15	-	-	-
Grape Gasoline 47822	30.04	-	-	-
Grape Gasoline 47824	28.42	-	-	-
Ice Cream Cake 47829	27.94	-	-	-
Ice Cream Cake 47830	26.95	-	-	-
Ice Cream Cake 47832	26.08	-	-	-
Ice Cream Cake 47833	26.53	-	-	-
Ice Cream Cake 47834	25.77	-	-	-
Ice Cream Cake 47835	26.87	-	-	-
Jack Herer 47837	27.05	-	-	-
Jack Herer 47838	26.33	-	-	-
Jack Herer 47839	27.25	-	-	-
Jack Herer 47840	28.12	-	-	-
Jack Herer 47842	27.09	-	-	-
Lizard Burger #8 47847	27.02	-	-	-
Lizard Burger #8 47848	27.89	-	-	-
Lizard Burger #8 47849	27.34	-	-	-
Lizard Burger #8 47850	26.51	-	-	-
Lizard Burger #8 47851	26.77	-	-	-
Mac N Jack 47853	25.31	-	-	-
Mac N Jack 47854	26.01	-	-	-
Mac N Jack 47855	25.67	-	-	-
Mac N Jack 47856	25.36	-	-	-
Maui True Blood 47754	28.37	-	-	-
Maui True Blood 47755	28.53	-	-	-
Punch Breath 47823	26.68	-	-	-
Punch Breath 47862	27.19	-	-	-
Punch Breath 47863	27.21	-	-	-
Punch Breath 47864	26.3	-	-	-
Punch Breath 47865	25.84	-	-	-
Punch Breath 47866	28.16	-	-	-
Punch Breath 47900	27.91	-	-	-
Purple Chrome 47867	26.66	-	-	-
Purple Chrome 47868	28.07	-	-	-
Purple Chrome 47869	27.2	-	-	-
Purple Chrome 47870	28.97	-	-	-
Purple Chrome 47886	29.89	-	-	-
Smashburger 47871	29.01	-	-	-
Smashburger 47872	27.65	-	-	-
Smashburger 47873	27.02	-	-	-
Smashburger 47874	25.8	-	-	-
Smashburger 47880	25.7	-	-	-
Sub Zero 47875	28.1	-	-	-
Sub Zero 47876	26.48	-	-	-
Sub Zero 47877	26.1	-	-	-

Sample	Control	HLVd #1	HLVd #2	HLVd Status
Supreme Lee Hi 47878	26.88	-	-	-
Supreme Lee Hi 47879	27.15	-	-	-
Supreme Lee Hi 47881	28.22	-	-	-
Supreme Lee Hi 47882	27.41	-	-	-
Tiger's Blood 47883	27.79	-	-	-
Tiger's Blood 47884	27.05	-	-	-
Tiger's Blood 47888	28.24	-	-	-
Tiger's Blood 47889	29.01	-	-	-
Wingsuit 47897	26.3	-	-	-
Wingsuit 47898	28.37	-	-	-
Wingsuit 47899	27.78	-	-	-

Amplification Plots:

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





















