



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1935

Target pathogen: Hop Latent Viroid

30 August 2024

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 08/28/2024**Date Received:** 08/29/2024**Date Reported:** 08/30/2024**Total samples:** 51**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

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	22.23	-	+
.Positive 2	-	-	27.34	+
Jokerz 43962	26	-	-	-
Jokerz 43963	26.19	-	-	-
Jokerz 43964	23.55	-	-	-
Jokerz 43965	25.05	-	-	-
Jokerz 43966	24.97	-	-	-
Jokerz 43967	25.41	-	-	-
Jokerz 43968	26.21	-	-	-
Mule Fuel 44040	25.72	-	-	-
Mule Fuel 44041	25.42	-	-	-
Mule Fuel 44042	25.94	-	-	-
Mule Fuel 44043	24.95	-	-	-
Mule Fuel 44044	28.92	-	-	-
Pink RNTZ 44033	25.25	-	-	-
Pink RNTZ 44034	26.47	-	-	-
Pink RNTZ 44035	25.46	-	-	-
Pink RNTZ 44036	25.57	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Pink RNTZ 44037	25.47	-	-	-
Pink RNTZ 44038	25.67	-	-	-
Pink RNTZ 44039	26.95	-	-	-
Punch Breath 44028	24.83	-	-	-
Punch Breath 44029	25.54	-	-	-
Punch Breath 44030	26.21	-	-	-
Punch Breath 44031	24.85	-	-	-
Punch Breath 44032	24.66	-	-	-
Spritzer 44023	25.5	-	-	-
Spritzer 44024	26.75	-	-	-
Spritzer 44025	25.17	-	-	-
Spritzer 44026	25.29	-	-	-
Spritzer 44027	26.09	-	-	-
Studio 54 44015	28.13	-	-	-
Studio 54 44016	26.44	-	-	-
Studio 54 44017	28.89	-	-	-
Studio 54 44018	25.73	-	-	-
Studio 54 44019	25.79	-	-	-
Studio 54 44020	25.81	-	-	-
Studio 54 44021	27.73	-	-	-
Studio 54 44022	28.7	-	-	-
Super Charger 44011	25.02	-	-	-
Super Charger 44012	25.43	-	-	-
Super Charger 44013	25.46	-	-	-
Super Charger 44014	24.18	-	-	-
White Choc Chip #8 44006	25.18	-	-	-
White Choc Chip #8 44007	25.36	-	-	-
White Choc Chip #8 44008	25.81	-	-	-
White Choc Chip #8 44009	25.93	-	-	-
White Choc Chip #8 44010	25.75	-	-	-
White Truffle 44001	27.3	-	-	-
White Truffle 44002	27.83	-	-	-
White Truffle 44003	29.41	-	-	-
White Truffle 44004	25.16	-	-	-
White Truffle 44005	27.35	-	-	-

Amplification Plots:

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













