



TaqMan RT-PCR Results

Client: Booms Pharm

Order: 4297

Target pathogen: Hop Latent Viroid

06 August 2025

Order details:**Client:** Booms Pharm**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 07/27/2025**Date Received:** 07/31/2025**Date Reported:** 08/06/2025**Total samples:** 11**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	-	27.3	-	+
.Positive 2	-	-	19.53	+
CA112637	28.81	-	-	-
CA112638	27.65	-	-	-
CA112639	27.9	-	-	-
CA112640	27.61	-	-	-
CA112641	29.09	-	-	-
CA112642	27.66	-	-	-
CA112643	29.1	-	-	-
CA112644	28.15	-	-	-
CA112645	29.28	-	-	-
CA112646	29.96	-	-	-
CA112647	28.11	-	-	-

Amplification Plots:

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



