

**Hyris Ltd**

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# Valeriana 18

**Analysis name:** Valeriana 18

**Target(s):** *Valeriana Officinalis*

**bCUBE S/N:** 004-2017-03-01-FV - 2.3.7.64

**Started on:** 20/07/2018, 10:05:17

**Running time:** 01:52:36

## Samples information

Cartridge Layout			
UDa (PosCtrl)	UDb (Sample)	UDc (Sample)	
-1a (Sample)	-1b (Sample)	-1c (Sample)	
-2a (Sample)	-2b (Sample)	-2c (Sample)	
-3a (Sample)	-3b (Sample)	-3c (Sample)	NTC (NegCtrl)

Results for target <i>Valeriana Officinalis</i>	
UDa (PosCtrl)	OK
UDb (Sample)	Present
UDc (Sample)	Present
-1a (Sample)	Present
-1b (Sample)	Present
-1c (Sample)	Present
-2a (Sample)	Present
-2b (Sample)	Present
-2c (Sample)	Present
-3a (Sample)	Present
-3b (Sample)	Present
-3c (Sample)	Present
NTC (NegCtrl)	OK

## Protocol

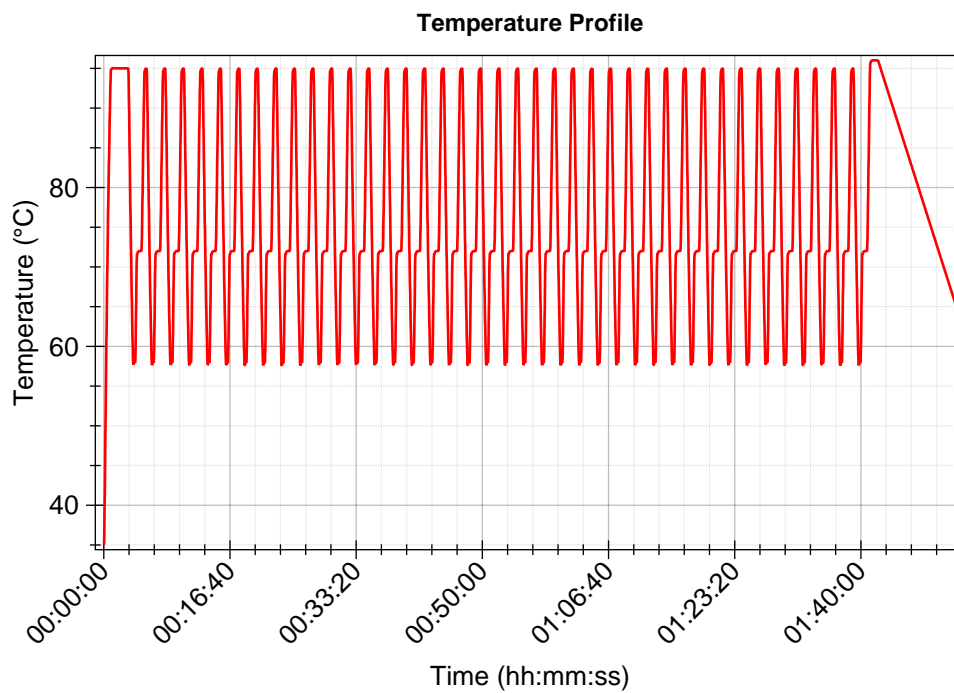
Constant temperature step: 95°C, Duration: 1200 s

PCR Amplification: 40 cycles

    Temperature: 95 °C, Length:15 s

    Temperature: 60 °C, Length:30 s

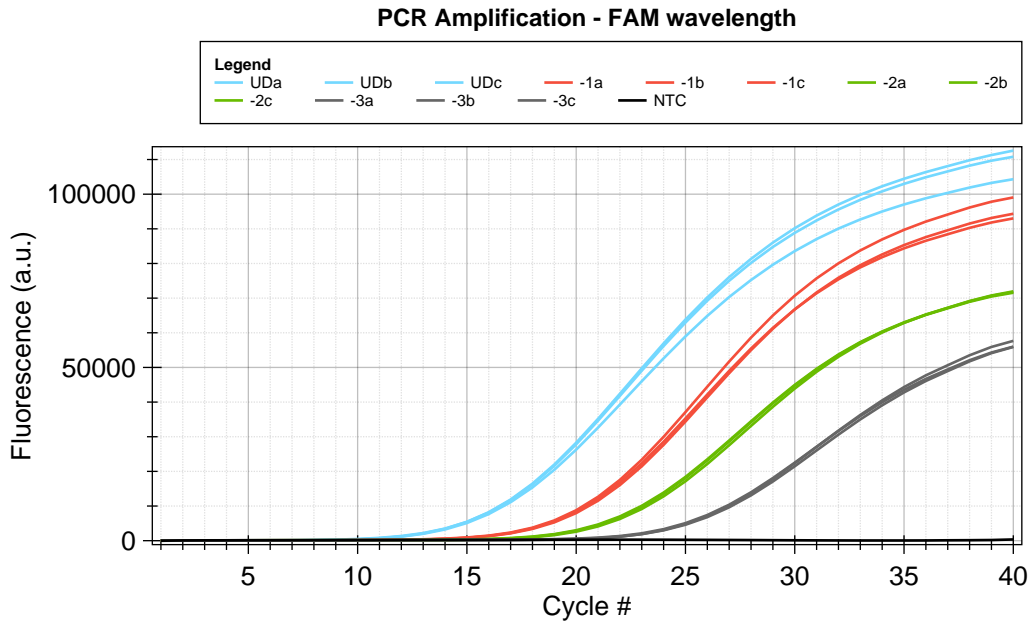
Melting Curve: from 95°C to 75°C, Gradient: 0.05 °C/s



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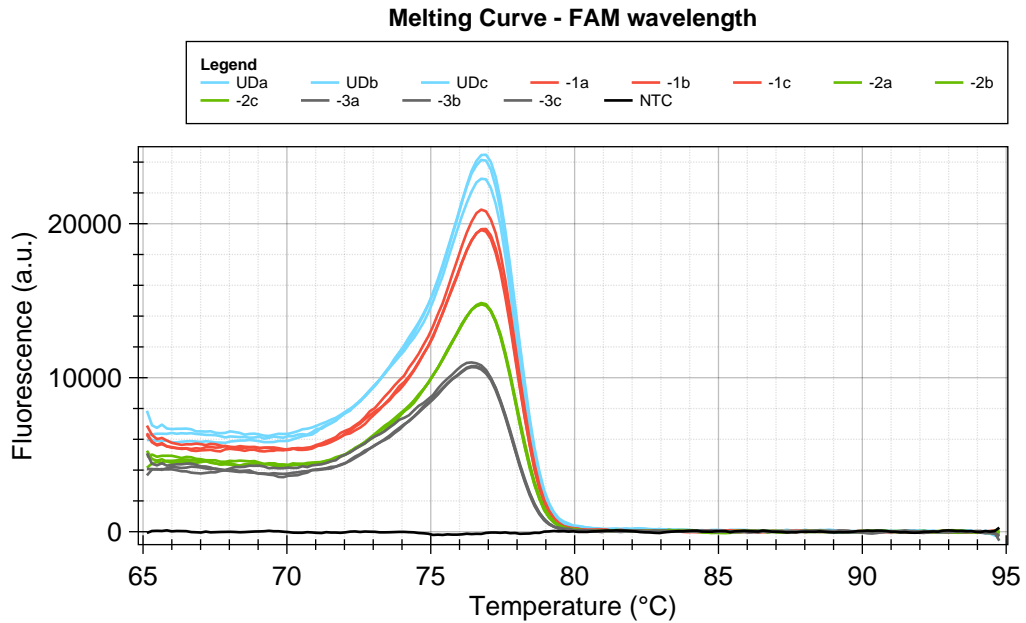
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## PCR Amplification



Quantification cycle (Cq)	
<b>UDa</b> (PosCtrl)	18.14
<b>UDb</b> (Sample)	18.2
<b>UDc</b> (Sample)	18.08
<b>-1a</b> (Sample)	21.85
<b>-1b</b> (Sample)	21.99
<b>-1c</b> (Sample)	21.78
<b>-2a</b> (Sample)	23.73
<b>-2b</b> (Sample)	23.93
<b>-2c</b> (Sample)	23.65
<b>-3a</b> (Sample)	27.12
<b>-3b</b> (Sample)	27.18
<b>-3c</b> (Sample)	26.97
<b>NTC</b> (NegCtrl)	N/A

## Melting Curve



Temperature peaks (°C)		
UDa	(PosCtrl)	76.9
UDb	(Sample)	76.8
UDc	(Sample)	76.8
-1a	(Sample)	76.8
-1b	(Sample)	76.9
-1c	(Sample)	76.8
-2a	(Sample)	76.8
-2b	(Sample)	76.8
-2c	(Sample)	76.8
-3a	(Sample)	76.4
-3b	(Sample)	76.4
-3c	(Sample)	76.4
NTC	(NegCtrl)	N/A

Distance from Positive control peak (°C)		
UDa	(PosCtrl)	0
UDb	(Sample)	0.1
UDc	(Sample)	0.1
-1a	(Sample)	0.1
-1b	(Sample)	0
-1c	(Sample)	0.1

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Distance from Positive control peak (°C)		
<b>-2a</b>	(Sample)	0.1
<b>-2b</b>	(Sample)	0.1
<b>-2c</b>	(Sample)	0.1
<b>-3a</b>	(Sample)	0.5
<b>-3b</b>	(Sample)	0.5
<b>-3c</b>	(Sample)	0.5
<b>NTC</b>	(NegCtrl)	N/A

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