



## Performance Qualification

### • *Injector Linearity*

#### • *Instruments and Fluidics*

<i>Instrument Name</i>	<i>Model</i>	<i>Supplier's Name</i>	<i>Serial Number</i>
Pump	G1311A	DIONEX	DE40926267
<b>Autosampler</b>	<b>G1329A</b>	<b>DIONEX</b>	<b>DE64777905</b>
Column Oven	Other	DIONEX	not available
UV Detector	G1315A	DIONEX	DE40520990
Chromeleon Datasystem	V. 6.80 SR15 Build 4656 (243203)	DIONEX	1904

<i>Accessories</i>	<i>Name</i>
Back Pressure Device	Capillary (L: 15 m; ID: 0,18 mm)
Sample 2	Caffeine in Water 10 µg/ml
Solvent A	Water (HPLC-Grade)

#### • *Additional Information*

Customer: Customer's Name  
 Operator: Operator's Name  
 Operator's Jobtitle

Execution Date: juin-29-20  
 Next Qualification: déc-20

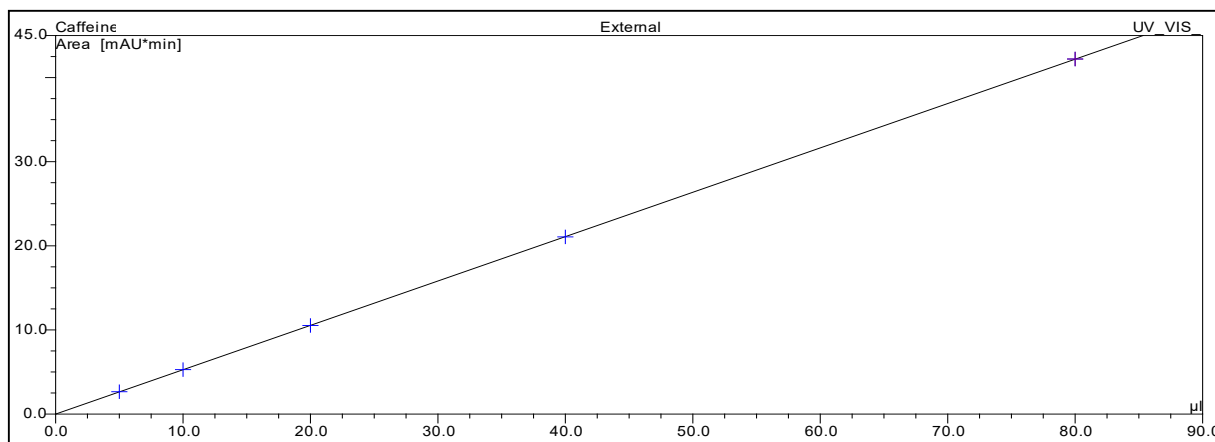
#### • *Limits, Values and Test Results*

	<i>Limit</i>	<i>Observed Value</i>	<i>Result</i>
<b>Injector Linearity - Corr.</b>	99,90000 %	99,99988 %	<b>Test passed</b>
<b>Injector Linearity</b>	1,000 % RSD	0,173 % RSD	<b>Test passed</b>

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**• Calibration Curve**



**• Data for Injector Linearity Test**

Sample Name	Ret. Time min Caffeine UV_VIS_1	Inj. Vol. µl	Area mAU*min Caffeine UV_VIS_1
Injector linearity_1	0,10	5,0	2,653
Injector linearity_2	0,10	10,0	5,286
Injector linearity_3	0,11	20,0	10,532
Injector linearity_4	0,12	40,0	21,058
Injector linearity_5	0,13	80,0	42,211

Cal. Type UV_VIS_1	Number of Points UV_VIS_1	Offset UV_VIS_1	Slope UV_VIS_1
LOff	5	-0,002	0,527

	Correlation Coefficient	RSD
	99,99988 %	0,173 %
<b>Limit:</b>	<b>99,90000 %</b>	<b>1,000 %</b>
<b>Result:</b>	<b>ok</b>	<b>ok</b>

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**Evaluation of Accessories (Following autosampler uses standard 3 instead of standard 2):**

ModelNo	Loop Volume	Evaluation	Reference value for report
WPS-3000	40	0	False
WPS-3000	20	0	
WPS-3000	50	0	
ACC-3000	20	0	
ACC-3000	50	0	
ACC-3000T	20	0	
ACC-3000T	50	0	
		0	
		0	
		0	
		0	
		0	
		0	
		0	
		0	
		0	