



Performance Qualification

• UV Detector Noise and Drift

• Instruments and Fluidics

Instrument Name	Model	Supplier's Name	Serial Number
Pump	G1312	Thermo Scientific	DE63055928
Autosampler	G1367	Thermo Scientific	DE64556796
Column Oven	Other	Thermo Scientific	not available
UV Detector	G1315	Thermo Scientific	DEAA202921
Chromeleon Datasystem	V. 6.80 SR16 Build 5387	Thermo Scientific	1904

Accessories	Description
Back Pressure Device	Capillary (L:15 m; ID:0,18 mm)
Solvent A	Water (HPLC-Grade)

• Additional Information

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

Execution Date: 2026-mars-13
 Next Qualification: 2026-sept.

• Limits, Values and Test Results

	Limit	Observed Value	Result
Noise (UV)	<= 0,050 mAU	0,033 mAU	Test passed
Drift (UV)	<= 5,00 mAU/h	-0,33 mAU/h	Test passed

Remark: Noise and drift are measured dynamically with a floated cell. The limits are different from published specifications, because they are valid for static conditions only (empty cell).

• Signatures

	Signature	Date
Submitter / Operator:		
Reviewer:		
Approver (e-sig. only):		

• **Data for Detector Noise Test**

Segment No.	Noise [mAU]
1	0,041
2	0,038
3	0,036
4	0,035
5	0,035
6	0,032
7	0,028
8	0,024
9	0,032
10	0,040
11	0,032
12	0,038
13	0,033
14	0,020
15	0,030
16	0,029
17	0,026
18	0,037
19	0,044
20	0,024
Average:	0,033 mAU
Limit:	<= 0,050 mAU
Result:	ok

• **Chart for Noise Test**

