



Performance Qualification

• Precision of the Stand. Gradient

• Instruments and Fluidics

Instrument Name	Model	Supplier's Name	Serial Number
Pump	G1311	Thermo Scientific	DE72002246
UV Detector	G1315	Thermo Scientific	DE82203840
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)
Solvent B for Gradient	Water + 0.1% Acetone

• Additional Information

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

Execution Date: 2025-sept.-08
 Next Qualification: 2026-mars

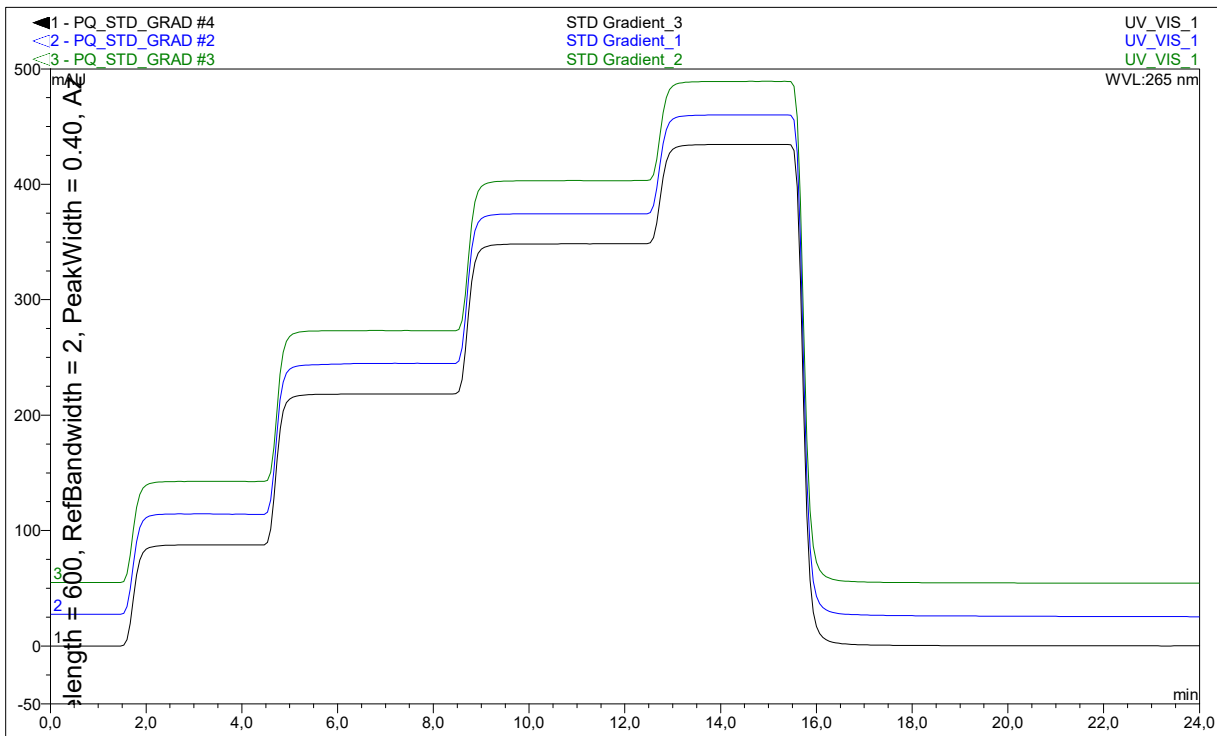
• Limits and Test Results

	Limit	Observed max. SD	Result of all Steps
Gradient Precision	<= 0,500 %	0,058 %	Test passed

• Signatures

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

• **Overlay of three Gradients**



• **Data of three Gradients**

Expected Value [%]	Calculated Value Gradient_1 [%]	Calculated Value Gradient_2 [%]	Calculated Value Gradient_3 [%]	Critical SD [%]	Calculated SD [%]	Result
0,00	0,00	0,00	0,00	0,50	0,000	ok
20,00	20,07	20,18	20,13	0,50	0,058	ok
50,00	50,25	50,27	50,23	0,50	0,019	ok
80,00	80,19	80,17	80,19	0,50	0,010	ok
100,00	100,00	100,00	100,00	0,50	0,000	ok