

# **Verification of the vacuum outgassing specifications by Residual Gas Analysis (RGA)**

## **Example Report**

Prepared For:

Reviewed By:

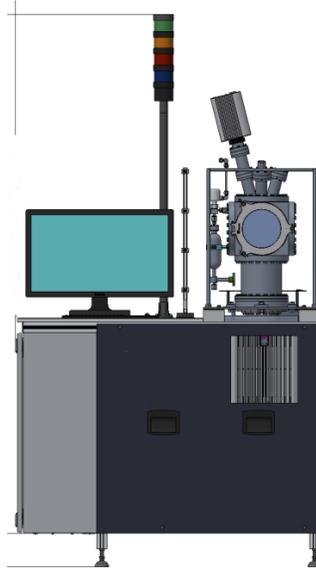
**ORS\_Cube1-251229-017-I\_0**  
Serial nr: 70306961

**GENERAL INFORMATION**

**Verification type:** Integration **Track ID:** -  
**Facility:** Cube + plate + plug **Planner:** -  
**Recipe:** Integration\_Plate\_Plug.ngq **Operator:** Supervisor

**BATCH INFORMATION**

**Description:**



**History:**

**History Report:**

**RESULT SUMMARY**

**Start Pump Time:** 29 December 2025 at 16:48 Hr **Information:** No background subtraction  
**Verification Time:** 9 Hours and 48 Minutes

	<b>Q Batch</b> [mbar•l/s]	<b>Q Batch/A</b> [mbar•l/(s•cm <sup>2</sup> )]		<b>Verdict</b>
H2O	1.19E-7	-	■	<b>Within specification</b>
CxHy v	5.53E-10	-	■	<b>Within specification</b>
CxHy nv	7.83E-11	-	■	<b>Within specification</b>
N2	4.99E-8	-		<b>No specification available</b>
O2	1.08E-8	-		<b>No specification available</b>
Ar	5.96E-10	-		<b>No specification available</b>
			■	<b>Within specification</b>

**29 December 2025 at 16:32 Hr**

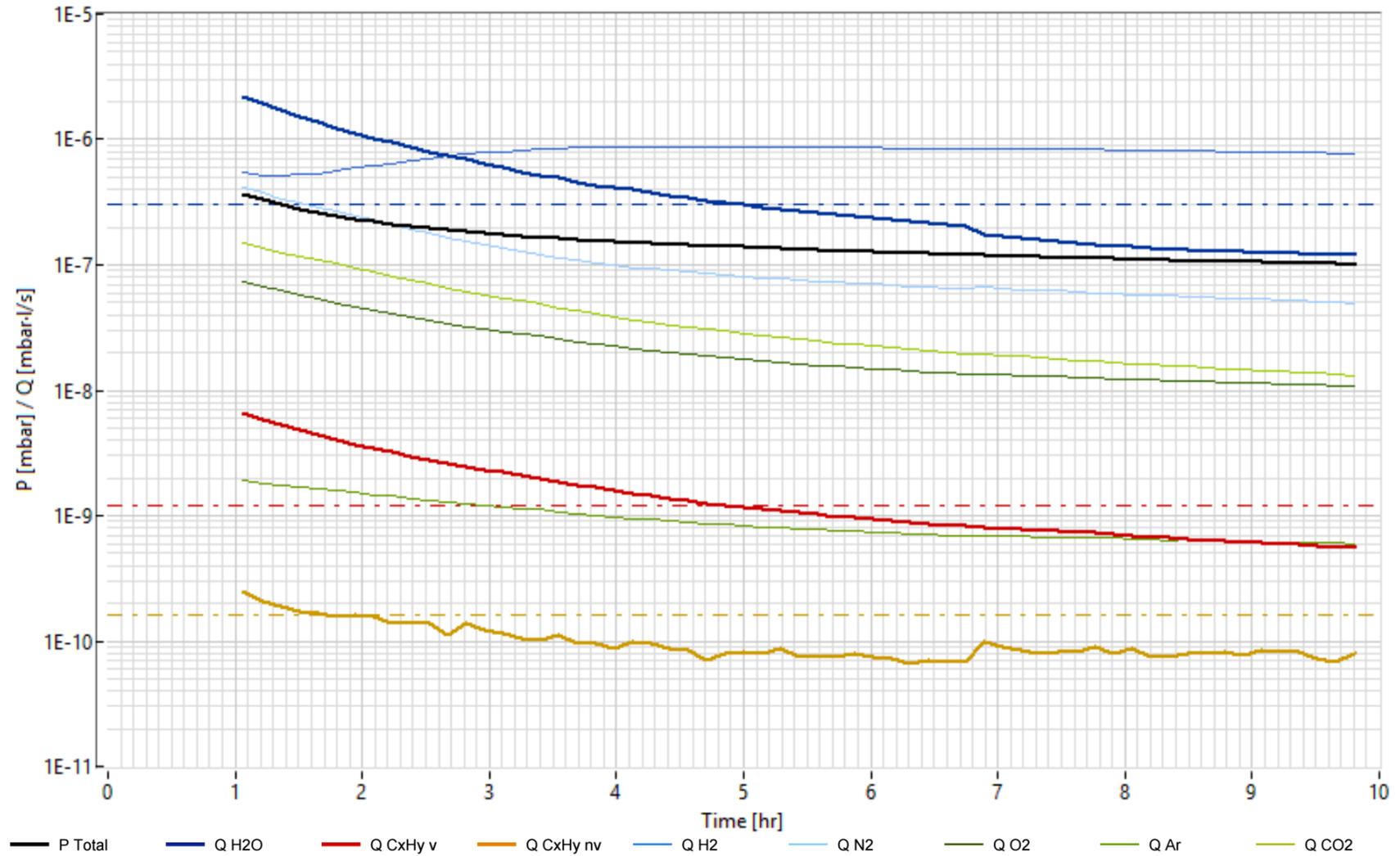
**Automatic created remarks**

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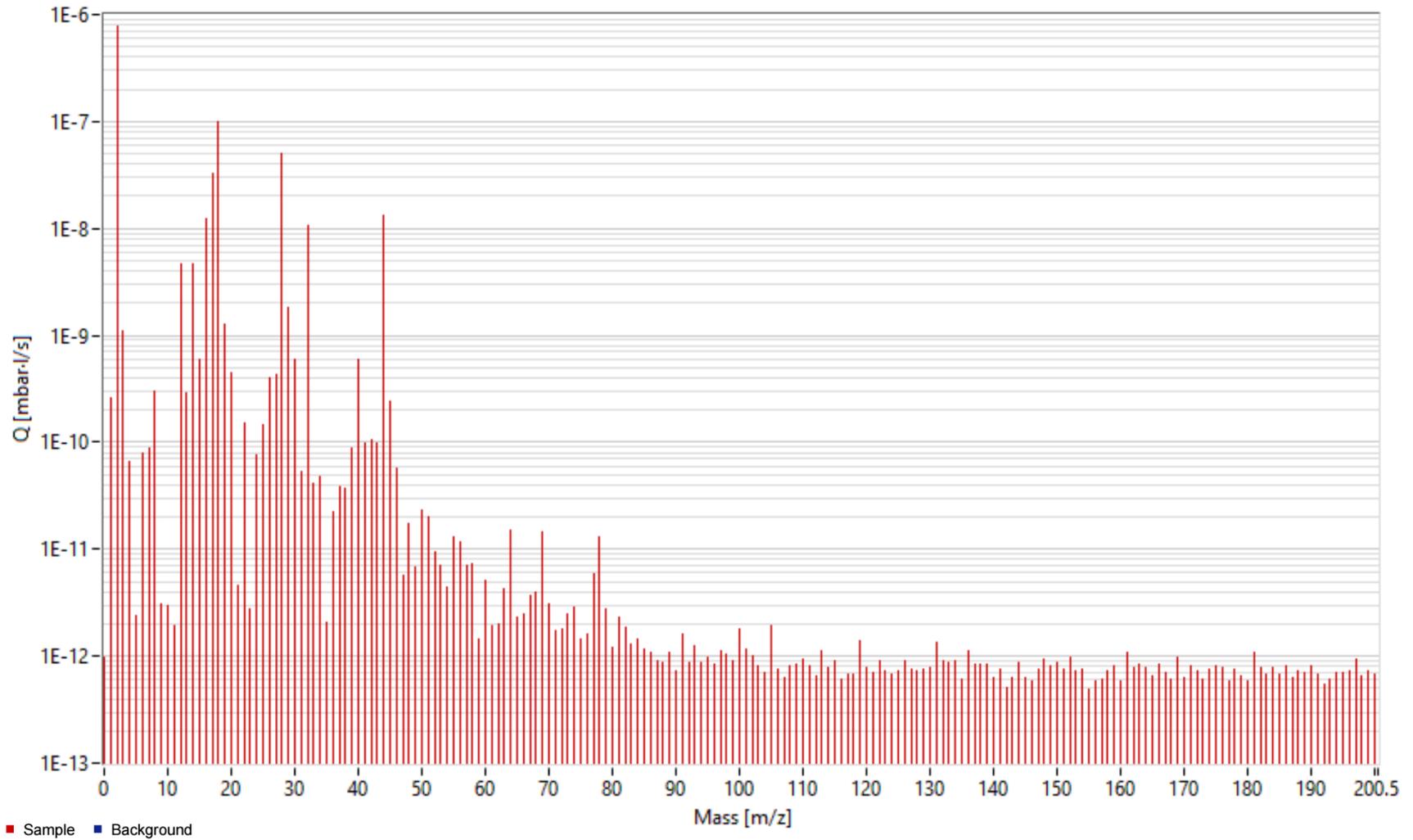
Engineer: Supervisor



**Pressure and partial outgassing in time (background subtracted)**



**Mass spectrum at 9 Hours and 48 Minutes**



**Parts Information**

12-nc	Description	Serial No.	Customer	Material	Surface
EmptyChamber					

**Parts Specification**

12-nc	Qty	Area	Q H2O	Q CxHy v	Q CxHy nv	Q N2	Q O2	Q Ar
EmptyChamber	1	0	1.50E-7	6.00E-10	8.00E-11	0.00E+0	0.00E+0	0.00E+0