

ABCA2 Maintenance Report

Job Number:	SE0655		
Customer:	AZ Alma, Eeklo, Belgium		
Instrument Serial #	20602/1-2016/1132	Gas Box Serial #	10602-2016/1132
ASX 7400 Serial #	061601A700HR	Software Version	V 600.0.108
Contact:	Laurens De Cuyper (laurens.decuyper@azalma.be)		
Date of Visit:	15-16.7.2026	Days:	2
Engineer:	Robert Kamený		
Pre Maintenance Checks			
Initial Tuning Parameters:			
HT: 2404	IR: -5.0		
Focus: 86	eV: -85		
HP: -10	Trap: 160		
Emission: 356.5uA			
Vacuum: 1.0 e-08mBar			
Initial Performance Evaluation			
Peak Shape: pass	Sheet Number: 1		
Stability: pass	Sheet Number: 2		
Ref Gas Precision: 0.04	Sheet Number: 3		
Breath Precision: 0.08	Sheet Number: 4		
Sensitivity: 8.01e-09	Sheet Number: 5		
5% in tube Precision: 0.15	Sheet Number: 6		
Linearity: 0.46	Sheet Number: 7		

Faults and Issues:

2026 annual service review.

****Pre-service actions:**** Refer to the initial service evaluation.

****Service actions included:****

- Filament replacement
- Rotary pump oil change
- Replacement of the syringe assembly seal kit
- General clean out (inside and outside)

****Post-service actions:****

The instrument showed very good specifications and overall performance, especially considering its age.

The instrument was released back into service on the evening of Day 2.

****Next recommended annual service:**** July 2027.

Follow Up:

Service contract renewal for 2027

Engineer:	Robert Kameny	Date:	21.7.2026
Signed:			
Customer:		Date:	
Signed:			