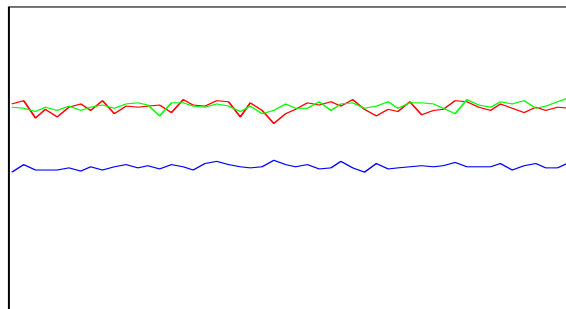


# Tune Report

**Batch Folder** C:\Agilent\ICPMH\1\DATA\Adrien\Lorenz UNIBE\200207\_MainInc\_ME\_1\_a.b  
**Acq. Date-Time** 2020-02-07 15:04  
**Report Comment**  
**Instrument Name** G3281A JP11451385

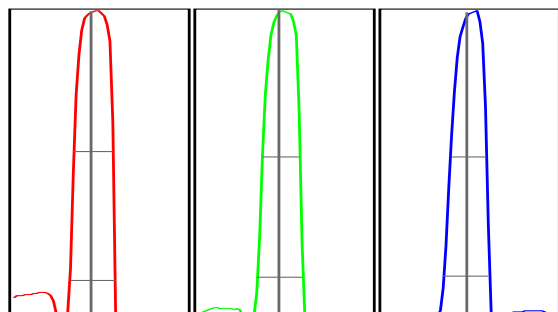
[No Gas]



Mass	Range	Count	RSD%	Background
7	10000	6763	2.576	3.200
89	50000	34097	1.845	5.700
205	50000	24235	1.820	17.900

**Ratio (oxide)** 156/140 1.035 % **Ratio (2+)** 70/140 1.925 %

**Integration Time [sec]** 0.1 **Sampling Period [sec]** 0.311



Mass	Peak Height	Axis	W-50%	W-10%
7	6780.22	6.90	0.64	0.755
89	34143.00	88.95	0.62	0.761
205	24211.59	205.00	0.59	0.765

**Integration Time [sec]** 0.1 **Acquisition Time [sec]** 22.74 **Y Axis** Linear

## Tune Parameters

### ## Plasma Parameters ##

RF Power	1450 W	Nebulizer Pump	0.10 rps
RF Matching	1.60 V	S/C Temp	2 °C
Smpl Depth	7.0 mm	Gas Switch	Makeup Gas
Carrier Gas	1.14 L/min	Makeup/Dilution Gas	0.00 L/min
Option Gas	0.0 %		

### ## Lenses Parameters ##

# Tune Report

Extract 1	-2.4 V	Cell Entrance	-30 V
Extract 2	-200.0 V	Cell Exit	-50 V
Omega Bias	-110 V	Deflect	14.6 V
Omega Lens	10.7 V	Plate Bias	-40 V

## ## Cell Parameters ##

Use Gas	No	OctP RF	170 V
He Flow	0.0 mL/min	Energy Discrimination	5.0 V
OctP Bias	-8.0 V		

## [He]

Mass	Range	Count	RSD%	Background
59	10000	6947	2.298	0.500
89	10000	6281	2.317	0.800
205	20000	18662	1.868	2.000

Ratio (oxide)	156/140	0.411 %	Ratio (2+)	70/140	1.575 %
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Integration Time [sec]	0.1	Sampling Period [sec]	0.31
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Mass	Peak Height	Axis	W-50%	W-10%
59	6831.00	59.00	0.33	0.439
89	6388.55	89.00	0.29	0.414
205	17421.64	205.00	0.27	0.441

Integration Time [sec]	0.1	Acquisition Time [sec]	22.54	Y Axis	Linear
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## Tune Parameters

### ## Plasma Parameters ##

RF Power	1450 W	Nebulizer Pump	0.10 rps
RF Matching	1.60 V	S/C Temp	2 °C
Smpl Depth	7.0 mm	Gas Switch	Makeup Gas
Carrier Gas	1.14 L/min	Makeup/Dilution Gas	0.00 L/min
Option Gas	0.0 %		

### ## Lenses Parameters ##

Extract 1	-2.3 V	Cell Entrance	-40 V
Extract 2	-200.0 V	Cell Exit	-60 V
Omega Bias	-115 V	Deflect	2.2 V
Omega Lens	10.4 V	Plate Bias	-60 V

### ## Cell Parameters ##

Use Gas	Yes	OctP RF	200 V
He Flow	4.3 mL/min	Energy Discrimination	3.0 V
OctP Bias	-18.0 V		