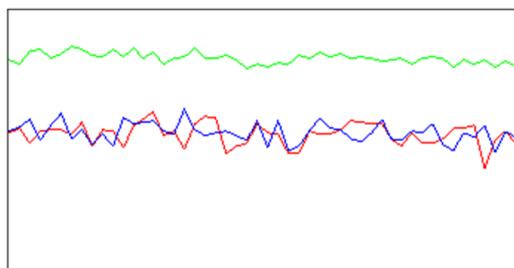


# Tune Check Report

Operator Name Admin  
Acq/Data Batch D:\Agilent\ICPMH\1\UserTune.b  
Acq. Date-Time 2023-02-14 17:21:11  
Report Comment ---  
Instrument Name G3281A JP10380599

## [Laser No Gas]

### Sensitivity



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

Mass	Range	Count	Resp [cps/ug/l]	Resp (Required) [cps/ug/l]	Resp (Flag)
7	50000	26551			
89	50000	40995			
205	10000	5382			

Mass	Resp Ratio	Resp Ratio (Required)	Resp Ratio (Flag)
7		-	
89		-	
205		-	

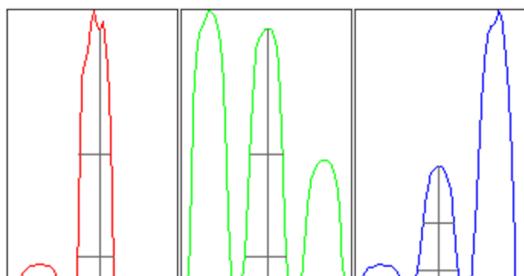
Mass	RSD%	RSD% (Required)	RSD% (Flag)
7	7.998		
89	2.520		
205	7.025		

Mass	Background	Background (Required)	Background (Flag)
7	0.200		
89	0.700		
205	0.600		

## Oxide/Doubly Charged Ratio

Oxide 156 / 140 20.360 %  
Doubly Charged 70 / 140 41.811 %

## Resolution/Axis



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

# Tune Check Report

Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
7	25378.85	7.15	-	
89	40676.49	89.05	-	
205	5471.76	205.00	-	
Mass	W-50%	W-10%	W-10% (Required)	W-10% (Flag)
7	0.56	0.634		
89	0.59	0.734		
205	0.55	0.712		

## Tune Parameters

### Plasma Parameters

Plasma Mode	---	Nebulizer Gas	1.05 L/min	Makeup Gas	0.00 L/min
RF Power	1350 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.25 V	Nebulizer Pump	0.00 rps	Plasma Gas	15.0 L/min
Sample Depth	5.5 mm	S/C Temp	15 °C		

### Lens Parameters

Extract 1	-130.0 V	Omega Lens	0.6 V	Deflect	15.8 V
Extract 2	-180.0 V	Cell Entrance	-58 V	Plate Bias	-58 V
Omega Bias	-100 V	Cell Exit	-78 V		

### Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

### QP Parameters

Mass Gain	134	Axis Gain	1.0019	QP Bias	-3.0 V
Mass Offset	126	Axis Offset	0.14		

### Hardware Settings

#### Torch

Torch H	0.5 mm	Torch V	0.2 mm
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#### EM

Discriminator	4.5 mV	Analog HV	1883 V	Pulse HV	1437 V
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