

**Table showing The ICP-MS plasma operating parameters.**

<b>Parameter</b>	<b>Value</b>
<i>Instrument parameters (Plasma)</i>	
Rf Power	1550 W
Rf Matching	1.80 V
Sampling Depth	8.0 mm
Carrier gas	1.07 L/min
Nebulizer Pump	0.10 rps
S/C Temp	2 C
<i>Instrument parameters (Lenses)</i>	
Extract 2	-120 V
Omega Bias	-80 V
Omega Lens	7.2 V
Cell Entrance	-40 V
Cell Exit	-60 V
Deflect	-2.0 V
Plate Bias	-65 V
<i>Instrument parameters (Cell)</i>	
He Flow	5 mL/min
OctP Bias	-18.0 V
OctP RF	180 V
Energy Discrimination	3 V
<i>Instrument parameters (Q-Pole)</i>	
Mass Gain	115
Mass Offset	127
Axis Gain	0.9983
Axis Offset	0.12
QP Bias	-15.0 V
<i>Instrument parameters (Torch Axis)</i>	
Torch H	-0.8 mm
Torch V	0.5 mm
<i>Instrument parameters (EM-Hardware Settings)</i>	
Discriminator	4.6 mV
Analog HV	1717 V
Pulse HV	1393 V
<i>Acquisition Mode (spectrum)</i>	
Peak Pattern	3 points
Replicates	3
Sweeps/Replicate	50
Total Acquisition Time	17.90 sec