



# ORBITALA

*who dares wins*

## PRODUCT: Rubidium

**Chemical name:** Rubidium

**Chemical formula:** Rb

**CAS No:** 7440-17-7

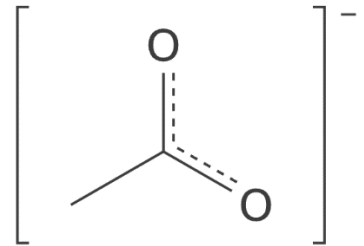
**Particle sizes:** According to MIL specs

**Purity:** > 99%

**UN-No:** UN1423

**Melting point:** 38.89°C

**Hazard Class:** 4.3



## CHARACTERISTICS:

	TEST ITEM	TEST RESULT	UNIT
1	Rubidium	99.9965	%
2	Lead	<0.0001	%
3	Magnesium	0.0001	%
4	Calcium	0.0007	%
5	Lithium	0.0001	%
6	Aluminum	0.0003	%
7	Iron	0.0001	%
8	Cesium	0.0005	%
9	Potassium	0.0007	%
10	Sodium	0.0009	%

## APPLICATION:

Rubidium is an important raw material for manufacturing electronic devices: photomultiplier tubes, phototubes, spectrophotometers, automatic controls, spectrometry, color films, color televisions, radars, lasers, as well as glass, ceramics, electronic clocks, etc. In the aerospace technology, ion thrusters and thermal ion energy converters require large amounts of rubidium.