



ORBITALA

who dares wins

PRODUCT: Caesium

Chemical name: Caesium, Cesium

Chemical formula: Cs

CAS No: 7440-46-2

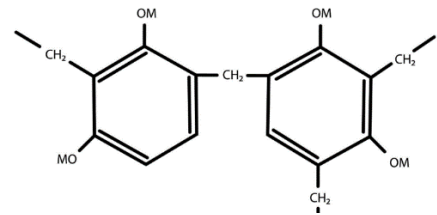
Form: Solid

Melting Point: 28,5°C

UN-No: UN1407

Hazard Class: 4.3

Purity: > 99%



CHARACTERISTIC:

	TEST ITEM	TEST RESULT	UNIT
1	Cesium	99.9941	%
2	Lead	<0.0001	%
3	Magnesium	0.0001	%
4	Calcium	0.0012	%
5	Lithium	0.0002	%
6	Aluminum	0.0003	%
7	Iron	0.0002	%
8	Rubidium	<0.0001	%
9	Potassium	0.0017	%
10	Sodium	0.0022	%

APPLICATION:

Cesium is used in aerospace, missile propulsion, and spaceflight vehicles and as a main photosensitive material used in manufacturing phototubes, offering a wide range of optical wavelengths, high sensitivity, and stability. Cesium is also utilized in ion engines, magnetohydrodynamic generators, thermoelectric converters, and supercritical vapor power systems