



Cabot Specialty Fluids
c/o Tantalum Mining Corp.
Bernic Lake Plant Site
P.O. Box 2000
Lac du Bonnet, Manitoba
R0E 1A0 CANADA
1-800-445-8521

CESIUM HYDROXIDE - 50% SOLUTION HIGH PURITY GRADE

CAS#	Element	Units	Typical Value	Maximum Value
21351-79-1	Cesium Hydroxide	%	48.0 – 52.0	52.0
	Lithium	ppm	5.60 ± 0.85	50
	Sodium	ppm	154 ± 18.2	400
	Potassium	ppm	12.4 ± 1.6	200
	Rubidium	ppm	80.0 ± 38.0	400
	Aluminium	ppm	138 ± 92	300
	Barium	ppm	49.0 ± 21.4	100
	Calcium	ppm	2.4 ± 1.1	50
	Chromium	ppm	<1	20
	Iron	ppm	< 2	20
	Magnesium	ppm	< 1	20
	Nickel	ppm	< 1	25
	Silicon	ppm	23.0 ± 13.9	300
	Cs ₂ CO ₃	%	0.37 ± 0.28	1.5

Assay: 99.9% Min. *(by difference of metallic impurities)*

Insolubles: <100 ppm

Appearance: Clear

Formula: CsOH

Formula Weight: 149.91

Packaging: Custom packaged in IBC totes and polyethylene drums.

Handling and Storage: 50% Solution should be stored in tightly closed containers to prevent moisture and CO₂ pickup