



Cesium Formate

80 % solution in water

technical

Product number :	423557
CAS-No. :	[3495-36-1]
Appearance :	clear solution
Formula :	CsOOCH (dry)
Formula weight :	177.92 (theoretical)
Cesium content :	59.76 % (solution, theoretical)
Density of solution :	2.3 kg/l
Solubility :	approx. 80 % CsOOCH in water at 21 °C
pH-Value :	approx. 8

Chemical analysis

Na	max.	300 ppm
K	max.	400 ppm
Rb	max.	3000 ppm
Ca	max.	20 ppm
Ba	max.	100 ppm
Al	max.	100 ppm
SO ₄	max.	500 ppm
Cl	max.	300 ppm

If any of these values is critical to your application, please let us know. A highest purity product is available on request.

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Applications	Cesium formate is used as a density fluid and for catalytic purposes.
Safety and handling	Cesium formate solution is highly hygroscopic and should thus be stored in tightly closed containers and under exclusion of moisture. Avoid contact with skin, eyes, mucous membranes and clothing. Wash thoroughly after handling.
Packaging	Mauser containers or PE cans.
Transport classification	Please refer to the safety datasheet of this product.