



Cesium Hydroxide 50% solution in water industrial

Product number :	423606
CAS-No. :	[21351-79-1]
Appearance :	colourless solution
Formula :	CsOH
Formula weight :	149.91
Cesium content :	44.33 % (solution, theoretical)
Density of solution :	approx. 1.725 kg/l

Chemical analysis

Li	max.	5 ppm
Na	max.	100 ppm
K	max.	200 ppm
Rb	max.	1500 ppm
Ca	max.	10 ppm
Ba	max.	50 ppm
Al	max.	50 ppm
SO ₄	max.	100 ppm
NO ₃	max.	50 ppm

Values are given on dry salt basis.

Deliveries are accompanied by a lot specific certificate of analysis. If any of these values is critical to your application, please let us know.

Cesium Hydroxide

50% solution in water

industrial

Applications	Cesium hydroxide solution is used in industrial catalysis. Cesium acts as a promoter e.g. in the production of polyols.
Safety and handling	Contact to skin and eyes or ingestion will cause serious caustic burns, as cesium hydroxide is an extremely strong base. Incompatible materials: acids, carbon dioxide (e.g. from air).
Packaging	Mauser containers or PE cans. Alternative packaging available on request.
Transport classification	Please refer to the safety datasheet of this product.
Cesium product range	acetate aluminium fluoride bicarbonate bromide carbonate chloride fluoride hydrogen carbonate hydroxide, aqueous solution or monohydrate iodide metal nitrate sulfate <i>available in various grades, other products on request</i>