

**Identification**

CsCl  
M = 168,36 g/mol  
CAS [7647-17-8]  
EC number: 231-600-2  
Taric code: 2827 39 80

**Applications**

analytical chemistry, laboratory reagent, for the synthesis of: cesium, in radiology applications.

**Specifications**

assay (argentometric).....	min. 99,5 %	absorbance of an aqueous solution	
absorbance of an aqueous solution		3 M in a 1 cm cell at 280 nm.....	max. 0,02 AU
3 M in a 1 cm cell at 260 nm.....	max. 0,1 AU	lead (Pb).....	max. 1 ppm
		DNases, RNases, Proteases .....	non detected

**Physical data**

- Appearance: crystals, colourless or white
- Spec. Density: 3,97 g/cm<sup>3</sup>
- Bulk density: ~ 1800 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Melting point: 646 °C
- Boiling point: 1382 °C
- pH(50 g/l H<sub>2</sub>O, 20 °C) 7 - 9

**Transport/storage**

- 10°C - 30°C