

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 %	lead (Pb).....	max. 1 ppm
sulfates (SO ₄).....	max. 0,002 %	lithium (Li).....	max. 0,5 ppm
total nitrogen (as N).....	max. 0,001 %	magnesium (Mg).....	max. 5 ppm
aluminium (Al).....	max. 5 ppm	potassium (K).....	max. 0,002 %
copper (Cu).....	max. 3 ppm	rubidium (Rb).....	max. 0,008 %
iron (Fe).....	max. 3 ppm	sodium (Na).....	max. 0,002 %
		zinc (Zn).....	max. 3 ppm

Physical data

- Appearance: crystals, colourless or white
- Spec. Density: 3,97 g/cm³
- Bulk density: ~ 1800 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 646 °C
- Boiling point: 1382 °C
- pH(50 g/l H₂O, 20 °C) 7 - 9

Transport/storage

- 15°C - 25°C