

TECHNICAL DATA SHEET

Date of Issue: 2021/07/22

Cesium Chloride, purity min. 99 % (50 % solution in water)

CAS-No.	7647-17-8
EC-No.	231-600-2
REACH No.	01-2119977124-35-0000
Molecular formula	Cl-Cs
Product number	10000323

APPLICATION

Cesium chloride is particularly used for organic synthesis, tracer purposes and in titanium dioxide manufacturing processes.

PURITY

min. 99 %

SPECIFICATION

Li	max. 20 ppm
Na	max. 1000 ppm
K	max. 200 ppm
Rb	max. 2000 ppm
Ca	max. 20 ppm
Mg	max. 20 ppm
Sr	max. 50 ppm
Ba	max. 50 ppm

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www.albemarle-lithium.com. Please contact us at www.albemarle-lithium.com/contact with questions.



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Al	max. 50 ppm
Fe	max. 10 ppm
Cr	max. 10 ppm
SO4	max. 200 ppm
SiO2	max. 100 ppm

Values are based on the dry salt. The solution may contain insoluble matter. Deliveries are accompanied by a lot specific certificate of analysis. If any of these values is critical to your application, please let us know.

PHYSICAL PROPERTIES

Appearance	Aqueous solution
Colour	colourless
Boiling point/boiling range	ca. 100 °C
Density	1.62 g/cm ³ at 20 °C
Water solubility	(completely miscible)
Molecular weight	168.36 g/mol
Additional Physical Properties	Concentration: 50 - 53 % by weight

HANDLING & STORAGE

Handling	Contact to skin and eyes should be avoided.
Storage	Cesium chloride solution should be stored in tightly closed containers.

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TRANSPORT & PACKAGING

ADR

Not regulated as a dangerous good

Hazard pictograms



Signal word

Warning

H&P Phrases

See Safety Data Sheet

Labelling

The labelling is according to EU-GHS classification ((EG) 1272/2008) and may vary in other countries. Please refer to the respective Safety Data Sheet for your country.

Packaging

IBC containers (e.g. Mauser, Schütz) or PE cans. Alternative packaging available on request.

OTHER INFORMATION

Further Related Documents

Safety Data Sheet

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