

TECHNICAL DATA SHEET

Date of Issue: 2016/08/26

Cesium Acetate, purity min. 99.9 %

CAS-No.	3396-11-0
EC-No.	222-248-0
Molecular Formula	CsOOCCH ₃
Product Number	425055

APPLICATION

Cesium acetate is useful in organic synthesis.

Yields in a Perkin reaction are for example 2- to 9-fold higher as compared to the classic sodium acetate route:

E. Koepp, F. Vögtle; Synthesis (1987) 177.

PURITY

min. 99.9%

SPECIFICATION

Li	max. 5 ppm
Na	max. 100 ppm
K	max. 250 ppm
Rb	max. 250 ppm
Ca	max. 10 ppm
Mg	max. 4 ppm
Sr	max. 5 ppm
Ba	max. 30 ppm
Al	max. 10 ppm
Fe	max. 5 ppm
Cr	max. 1 ppm

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Mn	max. 1 ppm
SO ₄	max. 50 ppm
SiO ₂	max. 50 ppm
Cl	max. 100 ppm

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

PHYSICAL PROPERTIES

Appearance	Crystalline powder
Color	white
Melting point/ range	194 °C
Density	(not determined)
Bulk density	900 - 1,100 kg/m ³
Water solubility	10,190 g/L at 21.5 °C
Molecular weight	191.95 g/mol

HANDLING & STORAGE

Handling	Handling in moist air should be avoided.
Storage	Because of its hygroscopic character cesium acetate should be stored in tightly closed containers.

TRANSPORT & PACKAGING

ADR
Not regulated as a dangerous good

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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

Polyethylene bottles or polyethylene bags in drums (fiber drums, clamping ring drums, steel drums, steel drums with polypropylene inner lining). Alternative packaging on request. Smaller units available at surcharge.

OTHER INFORMATION

Further Related Documents	Safety Data Sheet
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