

CESIUM CHLORIDE

- CsCl
- M = 168,36 g/mol
- CAS [7647-17-8]
- EINECS-No.: 231-600-2

- Solub. in water: (20 °C): soluble
- Melting point: 646 °C
- Boiling point: 1382 °C
- LD 50 (oral, rat): 2600 mg/kg

- Tariff number: 2827 39 80 90
- Applications: analytical chemistry, laboratory reagent, for the synthesis of: cesium, in radiology applications.

CE0110 Cesium chloride, ExpertQ®, for analysis

assay (argentometric) min. 99,5 %
sulfates (SO₄) max. 0,002 %
total nitrogen (as N) max. 0,001 %
aluminium (Al) max. 5 ppm
copper (Cu) max. 3 ppm
iron (Fe) max. 3 ppm
lead (Pb) max. 1 ppm

lithium (Li) max. 0,5 ppm
magnesium (Mg) max. 5 ppm
potassium (K) max. 0,002 %
rubidium (Rb) max. 0,008 %
sodium (Na) max. 0,002 %
zinc (Zn) max. 3 ppm

ART. NO.	VOLUME	CONTAINER
CE01100100	100 g	

CE0121 Cesium chloride, molecular biology grade

assay (argentometric) min. 99,5 %
absorbance of an aqueous solution
3 M in a 1 cm cell at 260 nm max. 0,1 AU

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

ART. NO.	VOLUME	CONTAINER
CE01210100	100 g	
CE01210500	500 g	

CETYL ALCOHOL

AL0190 Cetyl alcohol, EssentQ®



- Synonyms: 1-Hexadecanol
- C₁₆H₃₄O
- M = 242,45 g/mol
- CAS [36653-82-4]
- EINECS-No.: 253-149-0
- Solub. in water: (20 °C): insoluble
- Melting point: ~ 49 - 53 °C
- Boiling point: ~ 355 °C
- Flash pt. 135 °C
- Ignition temp.: ~ 235 °C
- Vapour pressure: (20 °C) 5000 mg/kg
- Tariff number: 2905 17 00 00
- Applications: synthesis of organic products, for pharmaceutical use, cosmetics, emulsifier, in pharma industry.

assay (G.C.) min. 96 %
identity (IR-spectrum) passes test
melting point 46 - 52°C
appearance of solution (2,5 % ethanol 96%) passes test
acid value max. 1
hydroxyl value 218 - 238
iodine value max. 2
saponification index max. 2

ART. NO.	VOLUME	CONTAINER
AL01901000	1 kg	
AL0190025P	25 kg	

CHARCOAL ACTIVATED

- C
- M = 12,01 g/mol
- CAS [7440-44-0]
- EINECS-No.: 231-153-3
- Solub. in water: (20 °C): insoluble

- ADR: 4.2 S2 III UN 1362
- IMDG: 4.2 III UN 1362
- IATA/ICAO: 4.2 III UN 1362
- GHS-signal word: Warning
- GHS-H sentences: H252 - H315

- GHS-P sentences: P235 + P410 - P264 - P280 - P332 + P313 - P407 - P420
- Tariff number: 3802 10 00 20
- Applications: analytical chemistry, for decolorization of liquids, antidote, in explosive compositions.

CA0346 Charcoal activated, granulated



acid - extractable matter 0,8 %
acidity passes test
iodine adsorption 1050 mg / g
methylene blue adsorption min. 21 g /100 g
calcium (Ca) max. 0,02 %

iron (Fe) max. 0,02 %
residue on ignition max. 3 %
loss on drying max. 2 %

ART. NO.	VOLUME	CONTAINER
CA03460500	500 g	
CA03461000	1 kg	
CA0346005P	5 kg	

CA0351 Charcoal activated, powder, EssentQ®



solubility in HCl max. 3 %
solubility in water max. 0,5 %
acidity passes test
chlorides (Cl) max. 0,02 %
sulfates (SO₄) max. 0,05 %
heavy metals (as Pb) max. 0,005 %
iron (Fe) max. 0,05 %
zinc (Zn) max. 0,001 %

methylene blue
adsorption (0,15 % solution) min.12 ml/0,1g
residue on ignition (600 °C) max. 2 %
loss on drying max. 10 %

ART. NO.	VOLUME	CONTAINER
CA03510100	100 g	
CA03510250	250 g	
CA03510500	500 g	
CA03511000	1 kg	
CA0351005P	5 kg	