






Cl0160 Zinc chloride, extra pure, Pharpur®, Ph Eur, BP, USP
 

assay (complexometric) 97,0 - 100,5 %
 identification passes test
 pH (10 %, H₂O) 4,6 - 5,5
 alkali and alkaline-earth salts max. 1,0 %
 ammonium (NH₄) max. 400 ppm
 limit of ammonium salts passes test
 sulfates (SO₄) max. 200 ppm
 oxychlorides passes test

aluminium, calcium iron
 and magnesium passes test
 lead (Pb) max. 0,005 %
 Elemental impurities are analysed according to guideli-
 ne CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline
 CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
Cl01600500	500 g	
Cl01601000	1 kg	
Cl0160005P	5 kg	
Cl0160025P	25 kg	

 Cl0162 Zinc chloride, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur
 

assay (complexometric) 98,0 - 100,5 %
 identity (IR-spectrum) passes test
 insoluble matter max. 0,005 %
 pH (10 %, H₂O) 4,6 - 5,5
 nitrates (NO₃) max. 0,003 %
 sulfates (SO₄) max. 0,002 %
 ammonium (NH₄) max. 0,005 %
 oxychloride (acidimetric, as ZnO) max. 1,2 %
 oxychlorides passes test
 total nitrogen (as N) max. 0,002 %


aluminium, calcium iron and
 magnesium passes test
 cadmium (Cd) max. 5 ppm
 calcium (Ca) max. 0,001 %
 copper (Cu) max. 0,001 %
 iron (Fe) max. 5 ppm
 lead (Pb) max. 0,001 %
 magnesium (Mg) max. 0,01 %
 potassium (K) max. 0,02 %
 sodium (Na) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
Cl01620250	250 g	
Cl01621000	1 kg	


 Cl0155 Zinc chloride, molecular biology grade
 

assay (complexometric) min. 98 %
 iron (Fe) max. 5 ppm
 lead (Pb) max. 0,001 %

magnesium (Mg) max. 0,001 %
 DNases, RNases, Proteases passes test

ART. NO.	VOLUME	CONTAINER
Cl01550050	50 g	

ZINC NITRATE HEXAHYDRATE

 Cl0185 Zinc nitrate hexahydrate, ExpertQ®, for analysis
 

- Synonyms: Nitric acid zinc salt hexahydrate
- Zn(NO₃)₂·6H₂O
- M = 297,51 g/mol
- CAS [10196-18-6]
- EINECS-No.: 231-943-8
- Solub. in water: (20 °C): soluble
- Melting point: ~ 36 °C
- LD 50 (oral, rat): 1190 mg/kg
- ADR: 5.1 O2 II UN 1514
- IMDG: 5.1 II UN 1514
- IATA/ICAO: 5.1 II UN 1514
- GHS-signal word: Danger
- GHS-H sentences: H272
- GHS-P sentences: P221 - P210 - P220 - P280 - P370 + P378a - P501a
- Tariff number: 2834 29 80 00

- Applications: analytical chemistry, laboratory reagent, oxidizing agent, catalyst, mordant/corrosive.

assay (complexometric) 98,5 - 102 %
 insoluble in water max. 0,005 %
 free acid (as HNO₃) max. 0,02 %
 chlorides (Cl) max. 0,002 %
 sulfates (SO₄) max. 0,01 %
 ammonia (NH₃) max. 0,01 %
 calcium (Ca) max. 0,001 %
 copper (Cu) max. 5 ppm
 iron (Fe) max. 0,001 %
 lead (Pb) max. 0,005 %
 magnesium (Mg) max. 0,002 %
 nickel (Ni) max. 5 ppm

ART. NO.	VOLUME	CONTAINER
Cl01850500	500 g	
Cl01851000	1 kg	

ZINC OXIDE

- ZnO
- M = 81,37 g/mol
- CAS [1314-13-2]
- EINECS-No.: 215-222-5
- Solub. in water: (20 °C): insoluble
- Melting point: ~ 1970 °C

- LD 50 (oral, rat): > 5000 mg/kg
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077
- GHS-signal word: Warning
- GHS-H sentences: H400 - H410

- GHS-P sentences: P273 - P391 - P501a
- Tariff number: 2817 00 00 00
- Applications: analytical chemistry, laboratory reagent, reference material, in the pharmaceuticals industry, in food industry, cosmetics.

 Cl0195 Zinc oxide, extra pure, Pharpur®, Ph Eur, BP, USP
 

assay (on ignited sample) 99,0 - 100,5 %
 identification passes test
 alkalinity passes test
 carbonates and substances
 insoluble in acid passes test
 carbonate and colour of solution passes test
 arsenic (As) max. 5 ppm
 cadmium (Cd) max. 10 ppm
 iron (Fe) max. 200 ppm

iron and other heavy metals passes test
 lead (Pb) max. 50 ppm
 lead (Pb) passes test
 residue on ignition (500 °C) max. 1,0 %
 Elemental impurities are analysed according to guideli-
 ne CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline
 CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
Cl01951000	1 kg	
Cl0195005P	5 kg	