

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Zinc chloride – puriss. p.a., ACS reagent, reagent ISO, reagent Ph. Eur., ≥98%

Product Number: 31650
CAS Number: 7646-85-7
MDL: MFCD00011295
Formula: Cl₂Zn
Formula Weight: 136.30 g/mol



| TEST | Specification |
|--|----------------|
| Complexometric EDTA | 98.0 - 100.5 % |
| Insoluble in Hydrochloric Acid | ≤ 0.005 % |
| Total Nitrogen | ≤ 0.002 % |
| Nitrate (NO ₃) | ≤ 0.003 % |
| Sulfate (SO ₄) | ≤ 20 ppm |
| Ammonium | ≤ 50 ppm |
| Miscellaneous Assay | ≤ 1.2 % |
| Oxide chloride (as ZnO) | |
| Miscellaneous Assay | Complying |
| Oxide chloride (as ZnO) | |
| pH | 4.6 - 5.5 |
| 10%, 20 deg C | |
| Miscellaneous Assay | Complying |
| Al, Ca, Fe, Mg, and heavy metals | |
| Calcium (Ca) | ≤ 0.001 % |
| Cadmium (Cd) | ≤ 0.0005 % |
| Copper (Cu) | ≤ 0.001 % |
| Iron (Fe) | ≤ 0.0005 % |
| Magnesium (Mg) | ≤ 0.001 % |
| Lead (Pb) | ≤ 0.001 % |
| Note | Note |
| Identity, assay and impurities are complying to the monographs of the above mentioned pharmacopeias/codices. | |

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Zinc chloride – puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., ≥98%

Product Number:**31650**

CAS Number:

7646-85-7

MDL:

MFCD00011295

Formula:

Cl₂Zn

Formula Weight:

136.30 g/mol



| TEST | Specification |
|------|---------------|
|------|---------------|

Potassium (K)

≤ 0.02 %

Sodium (Na)

≤ 0.05 %

Specification: PRD.1.ZQ5.10000075383

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.