

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Potassium chloride – anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%

Product Number: **746436**
CAS Number: 7447-40-7

KCl

Formula: ClK
Formula Weight: 74.55 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Assay % KCL	99.0 - 100.5 %
pH OF A 5% SOL'N AT 25 DEGREES CELSIUS	5.4 - 8.6
Insoluble matter	≤ 0.005 %
Iodide	≤ 0.002 %
Bromide	≤ 0.01 %
Chlorate and Nitrate (NO ₃) CHLORATE AND NITRATE TOGETHER = NMT 0.003% (AS NO ₃) TYPICALLY 90% OR MORE OF THE PARTICLES WILL PASS THROUGH 325 MESH	≤ 0.003 %
Phosphate	≤ 5 ppm
Sulfate	≤ 0.001 %
Barium	Pass
Calcium (Ca)	≤ 0.002 %
Magnesium (Mg)	≤ 0.001 %
as Lead (by heavy metal)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm
Sodium (Na)	< 0.005 %
Meets ACS Requirements	Current ACS Specification

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.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Potassium chloride – anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%

Product Number:

746436

CAS Number:

7447-40-7

KCl

Formula:

ClK

Formula Weight:

74.55 g/mol

TEST**Specification**

Specification: PRD.0.ZQ5.10000049738

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.