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Product Specification

Product Name:
Potassium hydroxide – free-flowing, Redi-Dri™, ACS reagent, ≥85%, pellets

Product Number: **911062**
CAS Number: 1310-58-3

KOH

Formula: KOH
Formula Weight: 56.11 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Pellets
X-Ray Diffraction	Conforms to Structure
Titration by HCL % KOH	≥ 85.00 %
Titration by HCL % K ₂ CO ₃	≤ 2.00 %
Chloride Content	≤ 0.01 %
Nitrogen Compounds	≤ 0.001 %
Phosphate	≤ 5 ppm
Sulfate	≤ 0.003 %
Meets ACS Requirements	Current ACS Specification
Sodium (Na)	≤ 0.05 %
Calcium (Ca)	≤ 0.005 %
Magnesium (Mg)	≤ 0.002 %
Iron (Fe)	≤ 0.001 %
Heavy Metals by ICP-OES	≤ 0.001 %
Nickel (Ni)	≤ 0.001 %
Note Material Typically Contains 10%-15% Water	Confirmed
Recommended Retest Period 2 Years	-----

Specification: PRD.1.ZQ5.10000100785

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.

