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## Product Specification

Product Name:  
Potassium permanganate - ACS reagent, ≥99.0%, low in mercury

<b>Product Number:</b>	<b>399124</b>	$\text{KMnO}_4$
CAS Number:	7722-64-7	
MDL:	MFCD00011364	
Formula:	$\text{KMnO}_4$	
Formula Weight:	158.03 g/mol	

TEST	Specification
Appearance (Color)	Conforms to Requirements
Dark Green, Brown-Black, Purple or Black	
Appearance (Form)	Conforms to Requirements
Granules, Beads or Crystalline Powder and/or Chunks	
ICP Major Analysis	Confirmed
Confirms Potassium and Manganese Components	
Titration by $\text{KMnO}_4$	≥ 99.0 %
Insoluble matter	≤ 0.2 %
Assay	≤ 0.005 %
Chloride & Chlorate (as Cl)	
Sulfate	≤ 0.02 %
Mercury (Hg)	≤ 0.05 ppm
Meets ACS Requirements	Current ACS Specification
Tenth Edition	

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](http://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.