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## Product Specification

Product Name:  
Potassium thiocyanate - ACS reagent, 99%

**Product Number:** 207799  
**CAS Number:** 333-20-0  
**MDL:** MFCD00011413  
**Formula:** CKNS  
**Formula Weight:** 97.18 g/mol

**KSCN**

TEST	Specification
Appearance (Color)	Conforms to Requirements
Colorless to White	
Appearance (Form)	Conforms to Requirements
Crystalline Powder or Crystals	
Infrared spectrum	Conforms to Structure
Titration by AgNO <sub>3</sub>	≥ 98.5 %
Insoluble matter	≤ 0.005 %
C = 10% H <sub>2</sub> O	
Chloride	≤ 0.005 %
Iron (Fe)	≤ 2 ppm
Heavy Metal	≤ 5 ppm
as Lead	
Iodine consuming substances	Pass
Sodium (Na)	≤ 0.005 %
Ammonium (NH <sub>4</sub> )	≤ 0.003 %
pH	5.3 - 8.7
C= 5%, H <sub>2</sub> O at 25 Degrees Celsius	
Sulfate	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.4.ZQ5.10000024784

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.