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## **Quality Assurance Standard Specifications Sheet**

Product Name: Ammonium Sulfide, 20% in Water  
Product Code: NA2053-20-H2O  
Contents: Natural Flavor  
Legal Status: FEMA GRAS# 2053  
FL No. 16.002  
Natural (EC) 1334/2008 Article 3(2)(c)  
Natural US 21 CFR 101.22  
CAS: 12135-76-1  
Hno: 2830.90.9000  
Storage Conditions: Cool dark area, <70 F. Purge with Nitrogen  
after each opening.  
Shelf Life: 24 months  
Appearance: Clear  
Liquid  
Color: Light yellow to yellow-amber  
Flavor/Odor: Eggy, Hydrogen Sulfide, Chicken at low  
dilutions / Stench  
Specific Gravity, 20°C: 0.9573 - 0.9973  
Refractive Index, 20°C: 1.3888 - 1.393  
GC Purity: 20% by wt.  
Flash Point °C (°F): 3 (37.4)  
Boiling Point °C (°F): 58 (136.4)  
Flavor Use: Meat, Egg and Savory Flavors  
Use Level: Up to 5 ppm as consumed  
Solubility: Alcohol, PG