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Product Specification

Product Name:

Ammonium sulfide solution – 20 wt. % in H₂O

Product Number:

W205303



MDL:

MFCD00010892

Formula:

H₈N₂S

Formula Weight:

68.14 g/mol

TEST

Specification

Appearance (Color)

Light Green-Yellow to Very Dark

Green-Yellow and Faint Yellow to Dark Yellow

Appearance (Form)

Liquid

Infrared spectrum

Conforms to Structure

Refractive index at 20 °C

1.385 - 1.396

Titration by Na₂S₂O₃

20.0 - 24.0 %

Arsenic (As)

≤ 3 ppm

Cadmium (Cd)

≤ 1 ppm

Mercury (Hg)

≤ 1 ppm

Lead

≤ 1 ppm

Expiration Date Period

5 Years

Specification: PRD.4.ZQ5.10000003648

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.