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Product Specification

Product Name:

Sulfur - 99.5-100.5%, meets analytical specification of Ph. Eur., BP, USP, puriss., precipitated

Product Number:

13803

CAS Number:

7704-34-9

MDL:

MFCD00085316

Formula:

S

Formula Weight:

32.07 g/mol

S

TEST	Specification
Assay	99.5 - 100.5 %
Sulfated Ash (EP)	≤ 0.2 %
Free Acid (as H ₂ SO ₄)	≤ 0.02 %
Free Alkali (as NaOH)	≤ 0.01 %
Chloride (Cl)	≤ 0.01 %
Sulfate (SO ₄)	≤ 0.01 %
Sulfide (S)	≤ 0.001 %
Appearance of Solution	Complying
Acidity or Alkalinity	Complying
Residual Solvents	Complying
Solubility	Complying
1 g in 1 mL carbon disulfide	
Residue on Ignition	≤ 0.3 %
Arsenic (As)	≤ 0.0004 %
Water (by Karl Fischer)	≤ 0.5 %
Recommended Retest Period	-----
30 months	
Note	Note
Identity, assay and impurities are complying to the monographs of the above mentioned pharmacopeias/codices.	

Specification: PRD.0.ZQ5.10000072525

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.