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## Product Specification

Product Name:

Calcium sulfate dihydrate – ACS reagent, 98%

Product Number:

255548

CAS Number:

10101-41-4

MDL:

MFCD00149625

Formula:

CaO4S · 2H2O

Formula Weight:

172.17 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Complexometric EDTA	98.0 - 102.0 %
Iron (Fe)	≤ 0.001 %
Heavy Metals	≤ 0.002 %
by ICP-OES	
Potassium (K)	≤ 0.005 %
Magnesium (Mg)	≤ 0.02 %
Sodium (Na)	≤ 0.02 %
Strontium (Sr)	≤ 0.05 %
Insoluble matter	≤ 0.02 %
c = 3.3%, Dilute HCl	
Chloride	≤ 0.005 %
Carbonate	Pass
Miscellaneous Assay	Pass
Nitrate	
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000045170

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.