Product Name: Magnesium sulfate heptahydrate, ACS, 98.0-102.0%
Catalog Number: 011596.36

CAS Number: 10034-99-8
IUPAC Name: magnesium(2+) heptahydrate sulfate
Molecular Formula: H14MgO11S
Molecular Weight: 246.47
InChI Key: WRUGWIBCXHJTDG-UHFFFAOYSA-L
SMILES: O.O.O.O.O.O.O.[Mg++].[O-]S([O-])(=O)=O
Synonym: MgSO4.7H2O elliotts B solution sal anglicum magnesium sulfate dried bitter salt sel d'angleterre sal amarum hair salt sal seidlitense magnesium sulphate hydrate

Product Specification

Assay (unspecified): 98.0-102.0% $MgSO_4?7H_2O$
Impurity content: NH_4 0.002%
Impurity content: NO_3 0.002%
Impurity content: Sr 0.005%
pH: of a 5% solution 5.0-8.2 at 25?
Heavy Metals: (ICP-OES) 5ppm
Impurity content: Ca 0.02%
Impurity content: Cl 5ppm
Impurity content: Fe 5ppm
Impurity content: K 0.005%
Insoluble material: 0.005%
Impurity content: Mn 5ppm
Impurity content: Na 0.005%

Date Of Print: 11/14/2026

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.