

Typical Product Specifications & Properties

Ytterbium(III) Sulfate Octahydrate

CAS Number: : 10034-98-7

Specifications	Limits
Molecular weight	778.39
EINECS	236-727-7
SMILES	<chem>O.O.O.O.O.O.O.O.[Yb+3].[Yb+3].[O-]S(=O)(=O)[O-].[O-]S(=O)(=O)[O-].[O-]S(=O)(=O)[O-]</chem>
InChI	MDOSIOHMOWGVIM-UHFFFAOYSA-H
InChIKey	1S/3H2O4S.8H2O.2Yb/c3*1-5(2,3)4;;;;;;;;;;/h3*(H2,1,2,3,4);8*1H2;:/q;;;;;;;;;;2*+3/p-6
Merck	14,10105
Density	3,286 g/cm ³
Melting Point	900°C
Water solubility	Soluble in water, moderately soluble in strong mineral acids.