SULPHURIC ACID
H_2SO_4
PURE

Physical characteristics

Molecular mass	98,08
Density	1,84 g/cm^3 at 20 C^o
Freezing point	cca. -10 C^o
Steam pressure	low at 20 C^o
Appearance	oily, colourless and clear liquid, requested in - BP 98 - analytical pure (p.a.) - PH.HG.V.h. - analytical reagent (a.r.) Other qualities can be delivered at request.
Danger ranging	CAS: 7664-93-9 ADR/RID: 8.C1.II.

Guaranteed quality

	Unit	Nominal value			
		BP 98	**PH.HG.V.h.**	**p.a.**	**a.r.**
H_2SO_4	mass%	95-97,5	95,1-97,5	95-97	95-97
Ignition residue	mass%	max.0,01	max.0,025	max.0,001	0,0005
$KMnO_4$ red.	mass%	max.0,0042	max.0,0043	max.0,0006	0,0003
Arzén (As)	mass%	max.0,0002	max.0,0005	max.0,000005	0,000003
Vas (Fe)	mass%	max.0,004	max.0,002	max.0,00005	0,00002
Heavy metals (in Pb)	mass%	-	max.0,002	max.0,0002	0,0001
Cl	mass%	max.0,007	max.0,005	max.0,0002	0,0001
NO_3	mass%	to prescription	max.0,00025	max.0,0002	0,00005
Pb	mass%	max.0,001	max.0,002	-	-
NH_4		-	to prescription	max. 0,0003	0,0002
Identification-analysis		-	to prescription	-	-
Irresolvable matters and colour matters		-	to prescription	-	-
Ca, Mg		-	to prescription	-	-
Selenat		-	to prescription	-	-
Solved salts		-	to prescription	-	-

Packing: small polyethylene-containers and small polyethylene containers of Buyer
Applications: Pharmaceutical industry, food industry, electrotechnical industry