



TECHNICAL DATA SHEET

SULFURIC ACID 0.025M (0.05N) STANDARDIZED SOLUTION TRACEABLE TO NIST

Article No.	BVS180005	Molecular Formula	H ₂ SO ₄
H.S. Code	3822.0000	Molecular Weight	98.08
CAS No.	7664-93-9		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Odorless
pH value	Acidic
Boiling point [°C]	290°C
Evaporation rate	1
Vapour density	3.4
Density [g/cm ³]	1.84
Solubility in water [% weight]	Soluble in water

Specifications

Normality 0.05N=N/20=0.025M

Appearance Clear solution

Standardized solution at 20°C.

Safety Information and Hazard Symbols

Symbol	GHS07
Signal Word	Warning