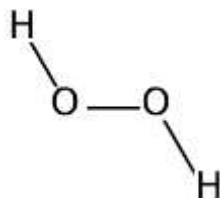


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

HYDROGEN PEROXIDE 30 % AR

Hydrogen Peroxide 30%, Perhydroxic acid Solution, Perhydrol



Product Code	B-3041	Grade	Analytical Reagent
Purity	30%	CAS No	7722-84-1
Molecular Formula	H ₂ O ₂	Molecular Weight	34.01 g/mol
H.S.Code	2847.0000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colorless
Odour	Slight	Vapour pressure	18 hPa at 20 °C
pH value	2 - 4 at 20°C	Solubility in water (% weight)	Infinitely soluble
Relative density (g/cm³)	1,11 g/cm ³ at 20 °C		

Packaging

2500 ml & 4000 ml

Specification

Appearance	Clear colorless liquid
Assay (manganometric)	min 30.0 %w/v
Color	max 10 Hazen
Acidity	max 0.5 ml N%
Organic stabilizer	max 0.05 %
Non-volatile matter	max 0.005 %
Heavy metal (as Pb)	max 0.0005 %
Chloride (Cl)	max 0.0005 %
Nitrogen compound (N)	max 0.002 %
Phosphate (PO ₄)	max 0.0005 %
Sulphate (SO ₄)	max 0.0003 %
Arsenic (As)	max 0.00005 %
Copper (Cu)	max 0.00001 %
Iron (Fe)	max 0.000025 %

Lead (Pb)

max 0.00005 %

Safety Information and Hazard Symbols



Symbol: GHS03, GHS05, GHS07

Signal Word: Danger

UN No.: 2014

IMCO Class No.: 5.1,8

Packing Group: II

Hazardous Statement: H271-H302-H318

Precaution Statement: P280-P305+P351+P338-P313