

PT. SMART-LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS



CERTIFICATE OF ANALYSIS

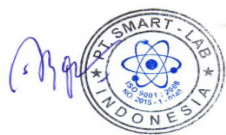
Product Name	: Hydrogen Peroxide Solution 30 %	Molecular Weight	: 34.01 g/mol
Catalog No.	: A-1052	Batch No.	: 231220015
Grade	: Analytical Reagent	Manufacturing Date	: Desember 23, 2020
Formula	: H ₂ O ₂	Expire Date	: Desember, 2022
Cas No	: 7722-84-1		

NO.	ITEM TEST	UNITS	SPECIFICATION	RESULT
1.	Appearance	—	Clear colorless liquid	Clear colorless liquid
2.	Assay (manganometric)	wt %	min 30.0	30.589
3.	Color	Hazen	max 10	< 10
4.	Acidity	ml N %	max 0.5	0.252
5.	Non-volatile matter	wt %	max 0.005	0.0041
6.	Chloride (Cl)	wt %	max 0.0005	< 0.0005
7.	Nitrate (NO ₃)	wt %	max 0.0002	< 0.0002
8.	Phosphate (PO ₄)	wt %	max 0.0005	< 0.0005
9.	Sulphate (SO ₄)	wt %	max 0.0005	< 0.0005
10.	Ammonium (NH ₄)	wt %	max 0.0005	< 0.0005
11.	Iron (Fe)	wt %	max 0.00005	< 0.00005
12.	Heavy metals (as Pb)	wt %	max 0.0001	< 0.0001

Result : The above product corresponds to AR Grade and Meet ACS Requirement Eighth Edition

Reference or standard of product specification based on Analar standard and ACS specification

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Head QC