The Worldwide Resource...

Est. 1995

THE BTTCO OVERSEAS

A Govt. of India Recognized *Star Export House*

from local roots to global routes

Certificate of Analysis

HYDROGEN PEROXIDE 50%

Product Name : HYDROGEN PEROXIDE 50%
Remarks : Our material confirms to the below specification
CAS No : 7722-84-1
HS Code : 28470000
Expiry Date : 1 Year from Mfg. Date

Sr No.	Parameters	UOM	Specification		Test Method	Result
			Lower Limit	Upper Limit		
01	Description	--	50.0	50.8	Visual	Complies
02	Strength	% w/w	--	0.30	By KMnO4 Titration method	50.50
03	Stability (as Oxygen Emitted @ 100 deg C from 25 ml sample)	ml/minute	0.015	0.050	By Gaseometric	0.26
04	Acidity (as H2SO4)	gr/100 ml	--	0.20	By Titration	0.045
05	Residue on Evaporation	gr/100 ml	--	0.05	BY Evaporation	0.084
06	Residue on Ignition	gr/100 ml	--	1	By Ignition	0.042
07	Iron (as Fe)	ppm	--	<0.1	By Colorimetric	0.44
08	Copper (as Cu)	ppm	--	10	By Colorimetric	< 0.1
09	Lead (as Pb)	ppm	--	2	By Colorimetric	< 2
10	Arsenic (as As2O3)	ppm	--	2	By Modified Gutzeit Method	< 1
11	pH	--	0.50	2.50	By pH meter	0.89

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