



Tabriz Petroleum  
of Aras Free Zone  
*Resilience in Every Barrel We Refine*

# Technical Data Sheet Hydrogen Peroxide (35%-50%)

Cas No. 7722-84-1

## 35%

No.	Properties	Unit	Result	Specification	Analysis Method
1	Concentration	w/w	35.36	35%±0.5	IS: 2080-1980 (Anton Paar DMA DMA 4100M)
2	Density	(g/cm <sup>3</sup> ) 25°C	1.12910	...	Density meter (Anton Paar DMA 4100M)
3	Acidity	(gH <sub>2</sub> SO <sub>4</sub> /100ml)	0.029	Max 0.04	IS: 2080-1980
4	Stability	(mlO <sub>2</sub> /min/25ml)	0.100	Max 0.3	IS: 2080-1980
5	PH	(@25°C)	1.38	Min:1.2 Max: 3.0	pH Meter (Mettler Toledo AG 8603)

## 50%

No.	Properties	Unit	Result	Specification	Analysis Method
1	Concentration	w/w	49.91	50%±1	IS: 2080-1980 (Anton Paar DMA DMA 4100M)
2	Density	(g/cm <sup>3</sup> ) 25°C	1.19100	...	Density meter (Anton Paar DMA 4100M)
3	Acidity	(gH <sub>2</sub> SO <sub>4</sub> /100ml)	0.041	Max 0.06	IS: 2080-1980
4	Stability	(mlO <sub>2</sub> /min/25ml)	0.150	Max 0.3	IS: 2080-1980
5	PH	(@25°C)	1.13	Min:0.3 Max: 1.7	pH Meter (Mettler Toledo AG 8603)



 [www.tabrizpetroleum.org](http://www.tabrizpetroleum.org)

 +9841 3320 1590-2

 [info@tabrizpetroleum.org](mailto:info@tabrizpetroleum.org)

 +9841 3320 1591

PLANT ADD: HEAVY INDUSTRIES SITE, AVOGLHI ROAD, ARAS FREE ZONE, JOLFA, IRAN

OFFICE ADD: No.3, F3, VALIASR TRADING COMPLEX, QANUN ST., VALIASR, TABRIZ, IRAN