

Certificate of Analysis

Hydrogen peroxide solution

PurTrace for Trace Analysis, $\geq 30.0\%$

Product Number	PSR40142	CAS No.	7722-84-1
Brand	PureSynth	Lot No.	GYKD05S
Molecular Formula	H ₂ O ₂	Date of Mfg.	May.2022
Molecular Weight	34.01 g/mol	Date of Exp.	April.2025

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay (By Titr.)	$\geq 30.0\%$	30.2 %
Aluminium (Al)	NMT 1.0 $\mu\text{g}/\text{kg}$	Conforms
Magnesium (Mg)	NMT 1.0 $\mu\text{g}/\text{kg}$	Conforms
Arsenic (As)	NMT 1.0 $\mu\text{g}/\text{kg}$	Conforms
Gold (Au)	NMT 0.5 $\mu\text{g}/\text{kg}$	Conforms
Sodium (Na)	NMT 5.0 $\mu\text{g}/\text{kg}$	Conforms
Beryllium (Be)	NMT 0.5 $\mu\text{g}/\text{kg}$	Conforms
Bismuth (Bi)	NMT 0.5 $\mu\text{g}/\text{kg}$	Conforms
Boron (B)	NMT 1.0 $\mu\text{g}/\text{kg}$	Conforms
Calcium (Ca)	NMT 10 $\mu\text{g}/\text{kg}$	Conforms
Iron (Fe)	NMT 5.0 $\mu\text{g}/\text{kg}$	Conforms
Mercury (Hg)	NMT 1.0 $\mu\text{g}/\text{kg}$	Conforms

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Potassium (K)	NMT 5.0 µg/kg	Conforms
Selenium (Se)	NMT 1.0 µg/kg	Conforms
Titanium (Ti)	NMT 1.0 µg/kg	Conforms
Zinc (Zn)	NMT 1.0 µg/kg	Conforms
Thallium (Tl)	NMT 0.5 µg/kg	Conforms
Zirconium (Zr)	NMT 1.0 µg/kg	Conforms
Lithium (Li)	NMT 0.5 µg/kg	Conforms
Palladium (Pd)	NMT 0.5 µg/kg	Conforms
Rhodium (Rh)	NMT 0.5 µg/kg	Conforms

Condition: Store at 2-8°C

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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