

Certificate of Analysis

Diethyl ether contains BHT as inhibitor

ACS Reagent ≥99.8%

Product Number	PSR39933	CAS No.	60-29-7
Brand	PureSynth	Lot No.	D39933H0625
Molecular Formula	C ₄ H ₁₀ O	Date of Mfg.	June,2025
Molecular Weight	74.12 g/mol	Date of Exp.	May,2028

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.8 %	99.9 %
Water (By KF)	NMT 0.01 %	0.006 %
Aluminium (Al)	NMT 0.50 ppm	< 0.50 ppm
Calcium (Ca)	NMT 0.50 ppm	< 0.50 ppm
Boron (B)	NMT 0.02 ppm	< 0.02 ppm
Barium (Ba)	NMT 0.10 ppm	< 0.10 ppm
Cadmium (Cd)	NMT 0.05 ppm	< 0.05 ppm
Cobalt (Co)	NMT 0.02 ppm	< 0.02 ppm
Chromium (Cr)	NMT 0.02 ppm	< 0.02 ppm
Copper (Cu)	NMT 0.02 ppm	< 0.02 ppm
Iron (Fe)	NMT 0.05 ppm	< 0.05 ppm
Magnesium (Mg)	NMT 0.10 ppm	< 0.10 ppm
Manganese (Mn)	NMT 0.02 ppm	< 0.02 ppm
Nickel (Ni)	NMT 0.02 ppm	< 0.02 ppm
Lead (Pb)	NMT 0.05 ppm	< 0.05 ppm
Tin (Sn)	NMT 0.10 ppm	< 0.10 ppm
Zinc (Zn)	NMT 0.05 ppm	< 0.05 ppm
Peroxide (as H ₂ O ₂)	NMT 0.3 ppm	< 0.3 ppm
Carbonyl compounds (as CO)	NMT 0.001 %	< 0.001 %
Carbonyl compounds (as HCHO)	NMT 0.001 %	< 0.001 %
APHA	NMT 10	< 10

Remark:

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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