chemlab
an analytichem brand

Product Specifications

CL00.0405

ANALYT

Diethylether a.r.



Diethylether p.a.
Ether diéthylique p.a.
Diethylether z.A.
Eter dietilico p.a.
Dietiletere p.a.
Éter dietílico p.a.
For laboratory use, ACS, ISO, Ph. Eur.
99.5+% (C2H5)2O (Stabilised with 5 - 7 ppm BHT)

Mol weight: 74.12 g/mol
Density: 0,71 g/ml
HS Nr: 29091100
CAS Nr: 60-29-7
UN: 1155
ADR: 3,I

Specifications:

Assay	>99.5%
Non Volatiles	<0.001%
Water	<0.03%
Free Acid	<0.0002%
Aluminium (Al)	<0.00005%
Boron (B)	<0.000002%
Barium (Ba)	<0.00001%
Calcium (Ca)	<0.00005%
Cadmium (Cd)	<0.000005%
Cobalt (Co)	<0.000002%
Chromium (Cr)	<0.000002%
Copper (Cu)	<0.000002%
Iron (Fe)	<0.000005%
Magnesium (Mg)	<0.00001%
Manganese (Mn)	<0.000002%
Nickel (Ni)	<0.000002%
Lead (Pb)	<0.000005%
Tin (Sn)	<0.00001%
Zinc (Zn)	<0.000005%
Acetone	<0.005%
Aldehydes	<0.00007%
Carbonyl Compounds	<0.001% (formaldehyde)
Ethanol	<0.02%
Methanol	<0.02%
Hydrogen Peroxide	<0.0001%
Sulfur (S)	<0.00006%
Colour	< 10 APHA
Density	: 0.715 ± 0.001 g/ml @ 20°C
Residue after Evaporation	<0.001%
Substances darkened by Sulfuric Acid	: passes test
Acidity	<0.0002meq/g
Distillation Range	:34 - 35°C
Total of other Volatile Impurities	: 0.1%

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