

**32203 Diethyl ether Puriss. p.a., contains BHT as inhibitor, ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥99.8%**

## Specyfikacja:

Property	Value
STABILIZER	5 - 8 PPM BHT
WATER (COULOMETR.)	0 - 0.03 %
RESIDUE (EVAPORATION)	0 - 0.001 %
PEROXIDES	<= 0.3 PPM AS H2O2
ALDEHYDES	PASSES TEST
ALUMINIUM (ICP)	0 - 0.5 ppm
BARIUM (ICP)	0 - 0.1 ppm
BORON (ICP)	0 - 0.02 ppm
CALCIUM (ICP)	0 - 0.5 ppm
CADMIUM (ICP)	0 - 0.05 ppm
COBALT (ICP)	0 - 0.02 ppm
APPEARANCE (COLOR)	Colorless
CHROMIUM (ICP)	0 - 0.02 ppm
COPPER (ICP)	0 - 0.02 ppm
IRON (ICP)	0 - 0.05 ppm
MAGNESIUM (ICP)	0 - 0.1 ppm
MANGANESE (ICP)	0 - 0.02 ppm
NICKEL (ICP)	0 - 0.02 ppm
LEAD (ICP)	0 - 0.05 ppm
TIN (ICP)	0 - 0.1 ppm
ZINC (ICP)	0 - 0.05 ppm
SUBSTANCES DARK BY H2SO4	PASSES TEST
APPEARANCE (FORM)	Liquid
CARBONYL COMPOUNDS	<= 0.001 % (as CO)
RECOMMENDED RETEST PERIOD	48 MONTHS
COLOR (IN APHA)	0 - 10 APHA
TITRATABLE ACID	FREE ACID (as CH3COOH): <= 0.0002 %
PURITY (GC AREA %)	99.8 - 100 %
REMARKS ON GC	<= 0.005 % ACETONE <= 0.02 % ETHANOL <= 0.02 % METHANOL
DENSITY D20/4	0.713 - 0.714
BOILING POINT	34 - 35 DEG C

## Właściwości fizyczne:

Property	Value
Impurities	5-8 ppm BHT (GC)
Assay	≥99.8%
Cation traces	Ca: ≤0.5 mg/kg
Contains	BHT as inhibitor
Grade	ACS reagent, reag. ISO, reag. Ph. Eur.
Density	0.71 g/cm <sup>3</sup>
Vapor density	2.6 (vs air)
Expl. lim.	36.5 %
Mp	-116 °C(lit.)

Refractive index	<i>n</i> <sub>20/D</sub> 1.3530(lit.)
Suitability	passes test for reaction against H <sub>2</sub> SO <sub>4</sub>
Bp	34.6 °C(lit.)
Autoignition temp.	320 °F
Boiling point	34 - 35 °C
Freezing point	-116 °C

**Informacje dot. bezpieczeństwa:**

<b>Property</b>	<b>Value</b>
Flashpoint	-45 °C
Hazard Class	3
Package Group	I
UN ID	1155