

Certificate of Analysis

SIGMA-ALDRICH

Product Name Diethyl ether,
contains BHT as inhibitor, puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur.,
≥99.8%

Product Number 32203

Product Brand SIAL

CAS Number 60-29-7

Molecular Formula (CH₃CH₂)₂O

Molecular Weight 74.12

TEST LOT SZBC0160V RESULTS
Reag. ACS, Reag.ISO, Reag. Ph. Eur., ≥ 99.8 %

assay (GC) 99.9 %

boiling range 34-35 °C

density (D 20/4) 0.713-0.714

non-volatile matter < 0.001 %

water (Karl Fischer) 0.007 %

free acid (as CH₃COOH) < 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 (GC) < 0.005 %

aldehydes complying

carbonyl compounds (as CO) < 0.001 %

ethanol (GC) < 0.02 %

methanol (GC) < 0.02 %

peroxides (as H₂O₂) 0.00003 %

reaction against H₂SO₄ complying

APHA < 10

assay BHT (GC) 5-8 ppm

Identity, assay and impurities are complying to the monographs of the
above mentioned pharmacopeias/codices.

Production Date 16.Jan.12

Rec. Retest Date 26.Dec.15

Katja Boerner

Katja Boerner
Quality Management
Seelze / Germany

FARMADENT d.o.o.	
Minarikova ul. 6	
2000 Maribor	
Prejel: FULS DRAGO	
<i>Za: PL</i>	
Datum prejema:	<i>14.5.2012</i>
Pregledal:	<i>MAROLT Robert, mag. farm., spec.</i>
<i>hent</i>	
Datum pregleda:	<i>14.5.2012</i>