InertSearch™ for LC

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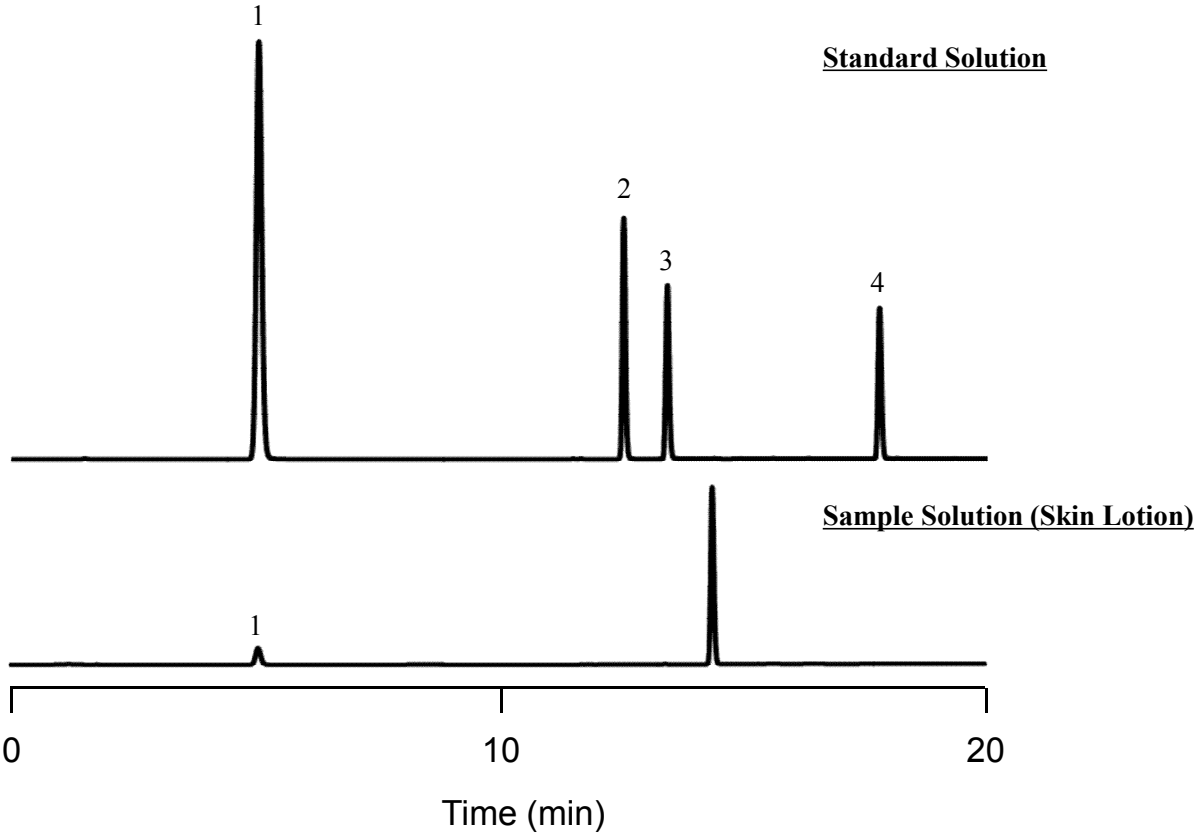
Analysis of Isothiazolinone preservatives

Data No. LL027-0000

The chromatogram was provided by Prof. Shuji Kodama,
Department of Chemistry, School of Science, Tokai University,
4-1-1 Kitakaname, Hiratsuka, Kanagawa 259-1292, Japan



Conditions

Column : InertSustain AQ-C18
(5 μm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : A) CH_3CN
B) CH_3OH
C) H_2O

Time (min)	A (vol%)	B (vol%)	C (vol%)
0.00	4	0	96
5.00	4	0	96
15.0	80	20	0
20.0	80	20	0

Flow rate : 1.0 mL/min
Col. Temp. : 35 ℃
Detection : UV 260 nm
Injection Vol. : 10 μL

Analyte:

1. Methylisothiazolinone
2. Chloromethylisothiazolinone
3. Benzisothiazolinone
4. Octylisothiazolinone
(100 mg/L each)

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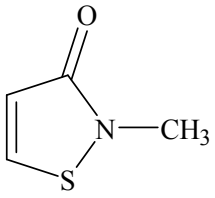
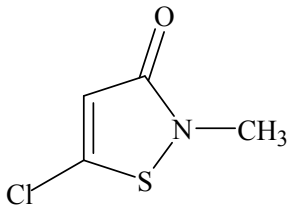
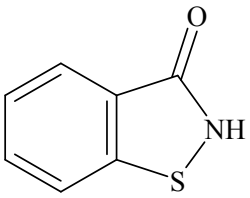


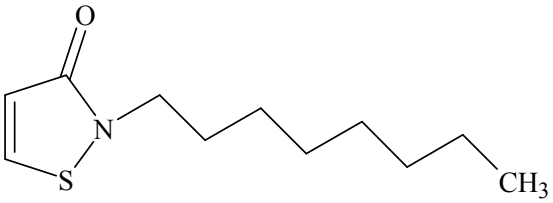
1. Methylisothiazolinone



2. Chloromethylisothiazolinone



3. Benzisothiazolinone



4. Octylisothiazolinone

Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.