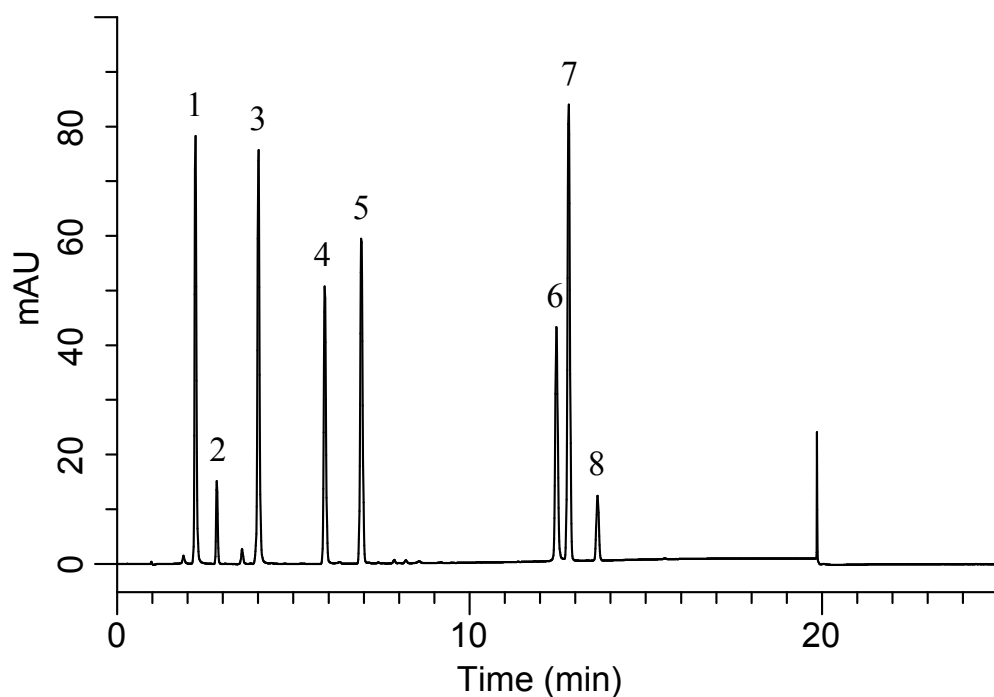


Analysis of Ultraviolet absorbers

Data No. LB464-0919



Conditions

System : GL7700 HPLC system

Column : InertSustain C18
(3 μm, 100 x 4.6 mm I.D.)

Column Cat. No. : 5020-07444

Eluent : A) CH₃CN
B) H₂O

Time (min)	A (vol%)	B (vol%)
0.0	50	50
14.0	100	0
17.0	100	0
17.1	50	50
25.0	50	50

Flow Rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : UV 320 nm (PD7752 PDA Detector)

Injection Vol. : 10 μL

Sample : Standard

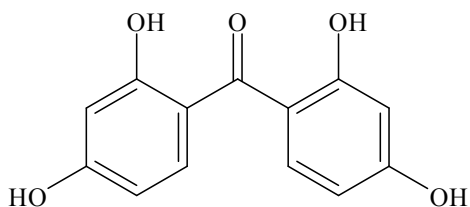
Analyte:

1. 2,2',4,4'-Tetrahydroxybenzophenone (THB)
2. Ethyl 4-aminobenzoate (EAB)
3. 2,4-Dihydroxybenzophenone (DHB)
4. 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone (DHDMB)
5. 2-Hydroxy-4-methoxybenzophenone (HMB)
6. 1-(4-tert-Butylphenyl)-3-(4-methoxyphenyl)-1,3-propanedione (BMB)
7. 2-Ethylhexyl 4-methoxycinnamate (EMC)
8. 2-Ethylhexyl salicylate (ES)

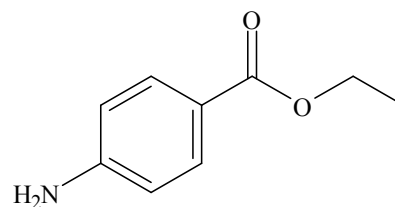
(50 mg/L each)

Analysis of Ultraviolet absorbers

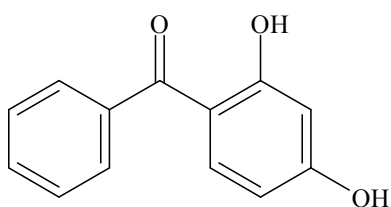
Data No. LB464-0919



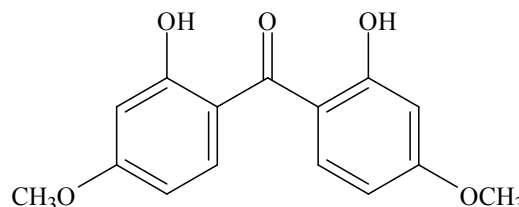
1. 2,2',4,4'-Tetrahydroxybenzophenone (THB)



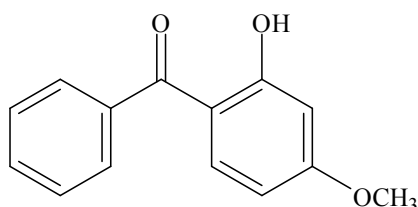
2. Ethyl 4-aminobenzoate (EAB)



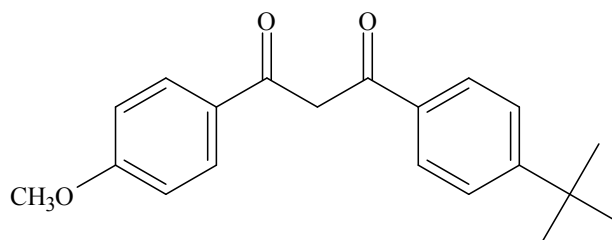
3. 2,4-Dihydroxybenzophenone (DHB)



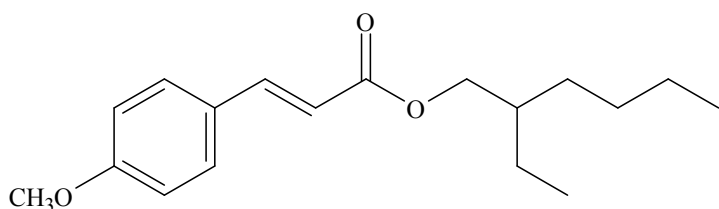
4. 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone (DHDMB)



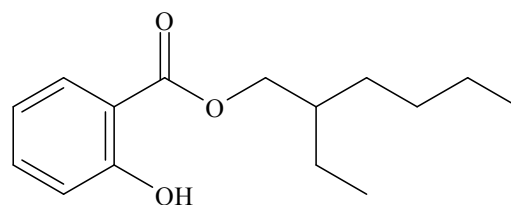
5. 2-Hydroxy-4-methoxybenzophenone (HMB)



6. 1-(4-tert-Butylphenyl)-3-(4-methoxyphenyl)-1,3-propanedione (BMB)



7. 2-Ethylhexyl 4-methoxycinnamate (EMC)



8. 2-Ethylhexyl salicylate (ES)