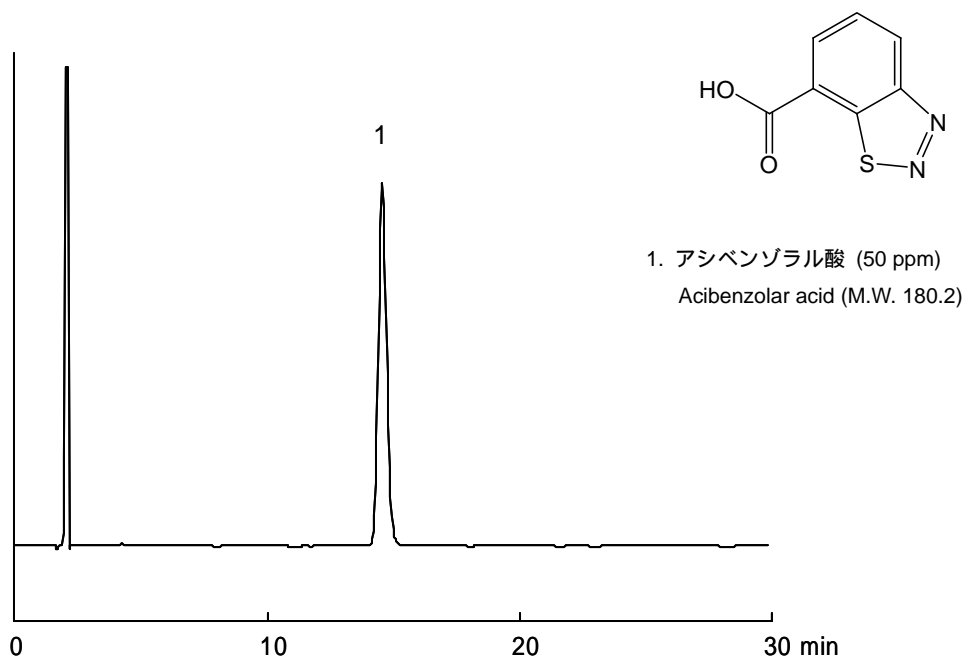


アシベンゾラル酸

Acibenzolar acid

厚生労働省から通知されている分析法を参考に，アシベンゾラル酸を分析しました．通知法においては，アシベンゾラル-S-メチル(殺菌剤)とアシベンゾラル酸を別々に定量し，次式によりアシベンゾラル酸を含むアシベンゾラル-S-メチルの含有量を求めると規定されています．(アシベンゾラル-S-メチル含有量 + アシベンゾラル酸含有量 × 1.17)

The application is based on the method announced by the Health Welfare and Labor Ministry. In the method, acibenzolar acid and acibenzolar-S-methyl ester are separately determined, and the total amount of acibenzolar compounds is defined as “amount of acibenzolar-S-methyl ester +(amount of acibenzolar acid) x 1.17”.



[HPLC Conditions]

Column	: CAPCELL PAK C ₁₈ MGII S5 ; 2.0 mm i.d. x 150 mm
Mobile phase	: 0.5 vol% CH ₃ COOH / CH ₃ OH = 75 / 25
Flow rate	: 200 μL/min
Temperature	: 40 °C
Detection	: UV 235 nm
Inj. vol.	: 2 μL
Sample dissolved in	: Acibenzolar acid was dissolved at 1000 ppm in methanol, and diluted with the mobile phase to 50 ppm. 1 μg/mL = 1 ppm