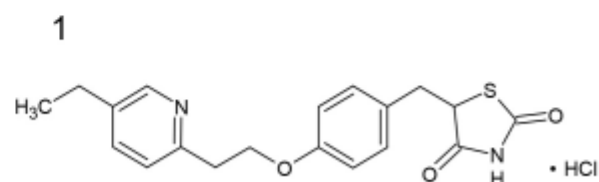
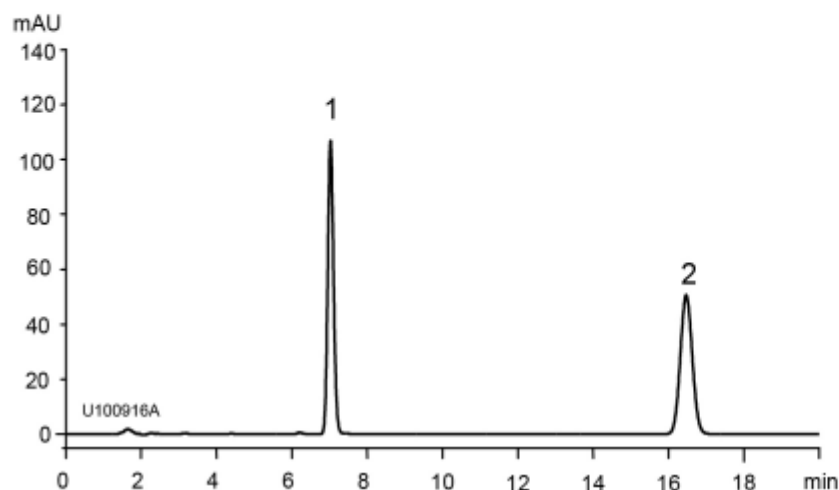
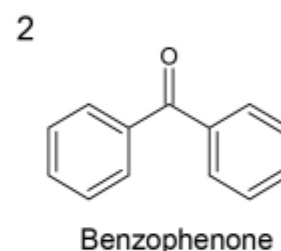
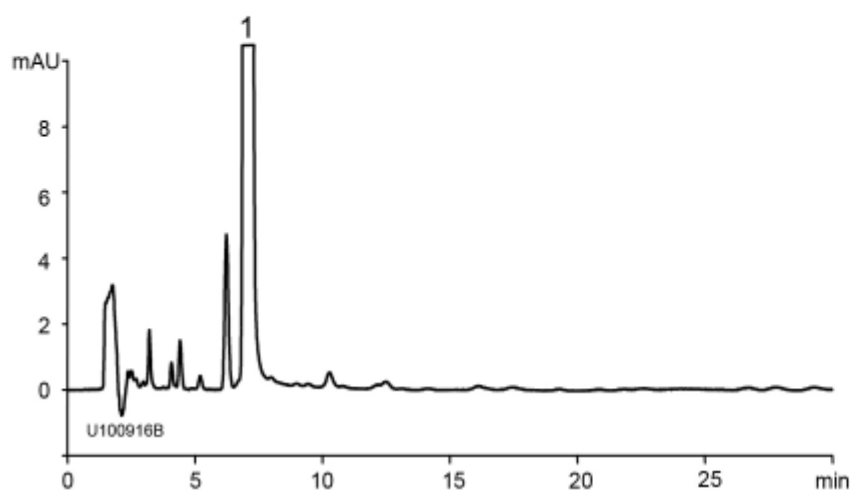


(A) Assay: Sample solution*
(0.05 mg/mL Pioglitazone HCl, 0.013 mg/mL Benzophenone)



Pioglitazone hydrochloride

(B) Related substances/Organic impurities: Sample solution*
(0.2 mg/mL Pioglitazone HCl)



Column	: YMC-Triart C18 (5 μ m, 12 nm) 150 X 4.6 mm I.D.
Eluent	: acetonitrile/100 mM CH ₃ COONH ₄ /acetic acid (25/25/1)
Flow rate	: 0.8 mL/min
Temperature	: 25°C
Detection	: UV at 269 nm
Injection	: (A) 20 μ L (B) 40 μ L

(The Japanese Pharmacopoeia 15th 2nd supplement, The United States Pharmacopoeia 34th)

* Sample solutions were prepared from Pioglitazone HCl supplied as a reagent for laboratory use.