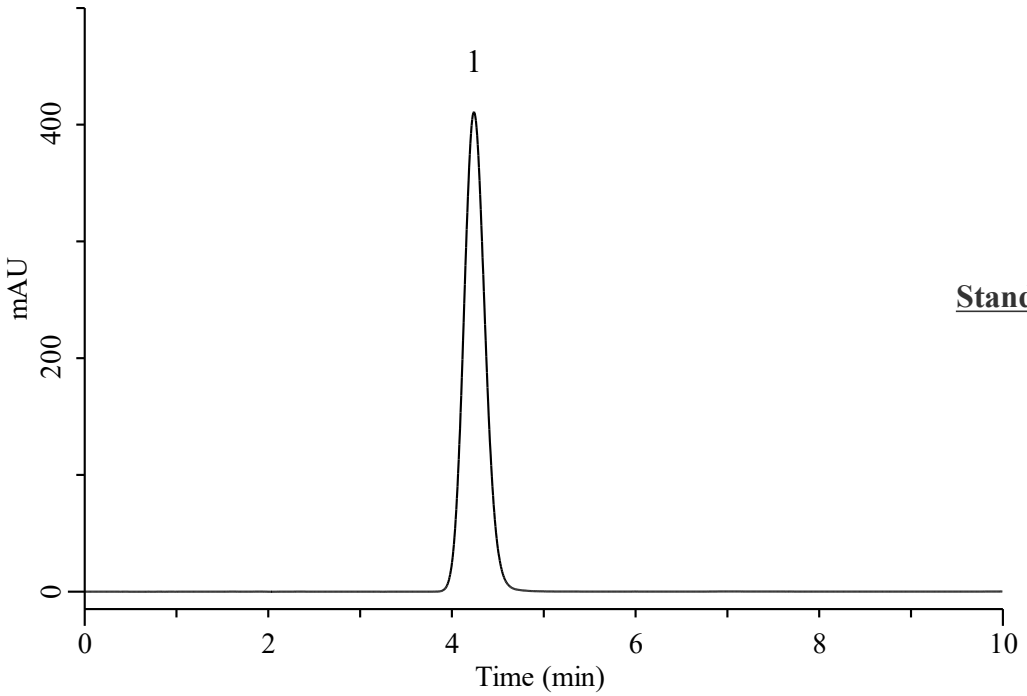
Analysis of Edaravone

(Under the Condition of draft for USP PF52(5), Edaravone, ASSAY)



Standard solution

Conditions

System	:	Primaide (HITACHI)
Column	:	InertSustain C18 (GL Sciences Inc.) (5 µm, 150 x 4.6 mm I.D.)
Column Cat. No.	:	5020-07345
Eluent	:	$CH_3OH/H_2O/CH_3COOH$=50/50/0.5, v/v/v
Flow Rate	:	0.8 mL/min
Col. Temp.	:	40 ℃
Detection	:	UV 240 nm (Primaide 1410 UV)
Injection Vol.	:	30 µL
Sample	:	Standard in Eluent

Analyte:

1. Edaravone 0.04 mg/mL

Tailing factor : (0.8 ≦) 1.11 (≦ 1.8)

RSD of
the peak area (%)(n=6) : 0.14 (≦ 0.73)