

APPLICATION NOTE

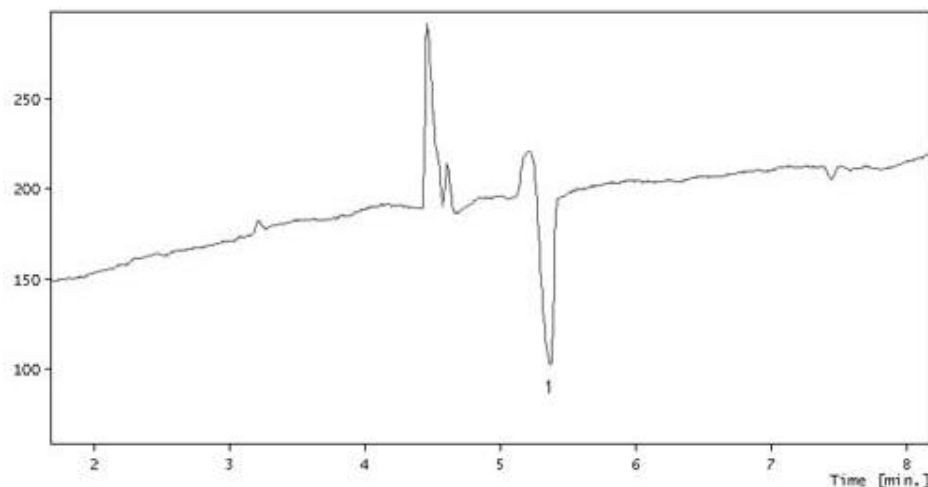
Application Note : 006

Title of application :

Determination of γ -hydroxybutyric laltone

Area of application :

Drug Analysis



Conditions :

Buffer	CE-OA001 Kit
Sample	γ -hydroxybutyric laltone (20 ppm) hydrolysed by 10mM NaOH 1. γ -hydroxybutyric acid
Capillary	50 μ m ID, 35 cm length
Injection mode	Hydrodynamic injection for 30 seconds at height of 10 cm
Separation setting	-7kV
Instrument used	CE-P1

Description :

γ -hydroxybutyric laltone (GHL) can be hydrolysed into γ -hydroxybutyric acid (GHB), which can be detected by PGD. γ -hydroxybutyric acid has been employed as an intravenous anaesthetic agent since 1960. However, it has been widely abused for its euphoric affects and supposed sexual enhancement capabilities. GHB has been associated with sexual assault cases in cities throughout the US. GHB and GHL are usually tested for forensic purposes.