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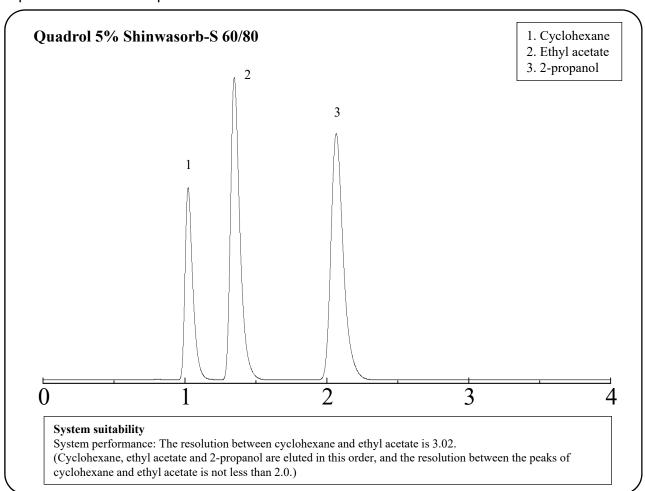
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Analysis of lenampicillin hydrochloride using Shinwasorb

~Purity test (5) Residual solvent~

Lenampicillin hydrochloride is widely used as a penicillin antibiotic for treatment of infectious diseases.

Shown below is an analysis of lenampicillin hydrochloride performed using a column packed with a Shinwasorb packing material and in accordance with the Japanese Pharmacopoeia.



Column: 3.1 m x 3.2 mm I.D. Glass Sample volume: $4.0 \mu L$ Sample: Cyclohexane, Ethyl acetate, 2-propanol Detector: FID $160^{\circ}C$ Column temp.: $100^{\circ}C$ Injection port temp.: $160^{\circ}C$

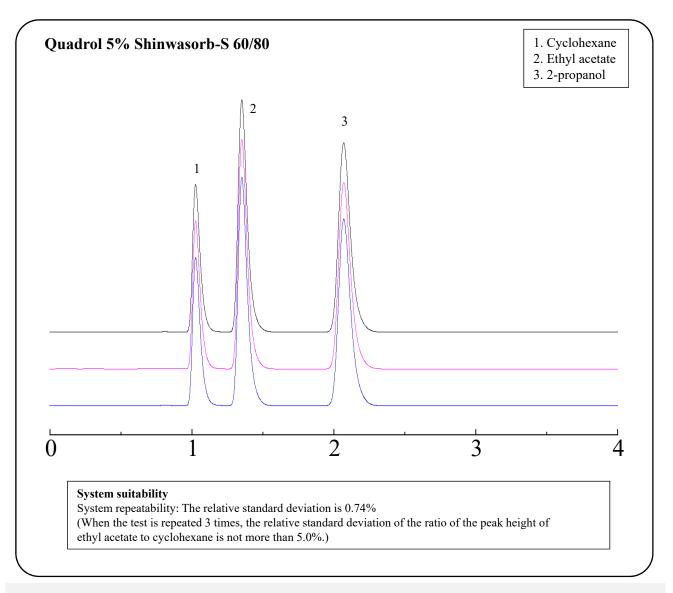
Carrier gas: 70 mL/min N₂ (Adjust so that the retention time of cyclohexane is about 1 minute.)



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■ Packing material specifications and price ■

Product name	Weight	Price
Quadrol 5% Shinwasorb-S 60/80	25 g	15,100 JPY

■ Packed column specifications and price ■

Product name	Column material	Dimensions	Price
Quadrol 5% Shinwasorb-S 60/80	Glass (For GC-2014 systems)	3.1 m x 3.2 mm I.D.	60,500 JPY

Prices for glass columns for Shimadzu systems other than the GC-2014, and systems manufactured by other manufacturers will differ from that shown above. The prices shown above are applicable as of January 24^{th} , 2018. Please contact us for pricing.

Please feel free to contact us with questions related to analyses.

Please be aware that specifications and prices are subject to change without prior notification.