

SHINWA EXPRESS

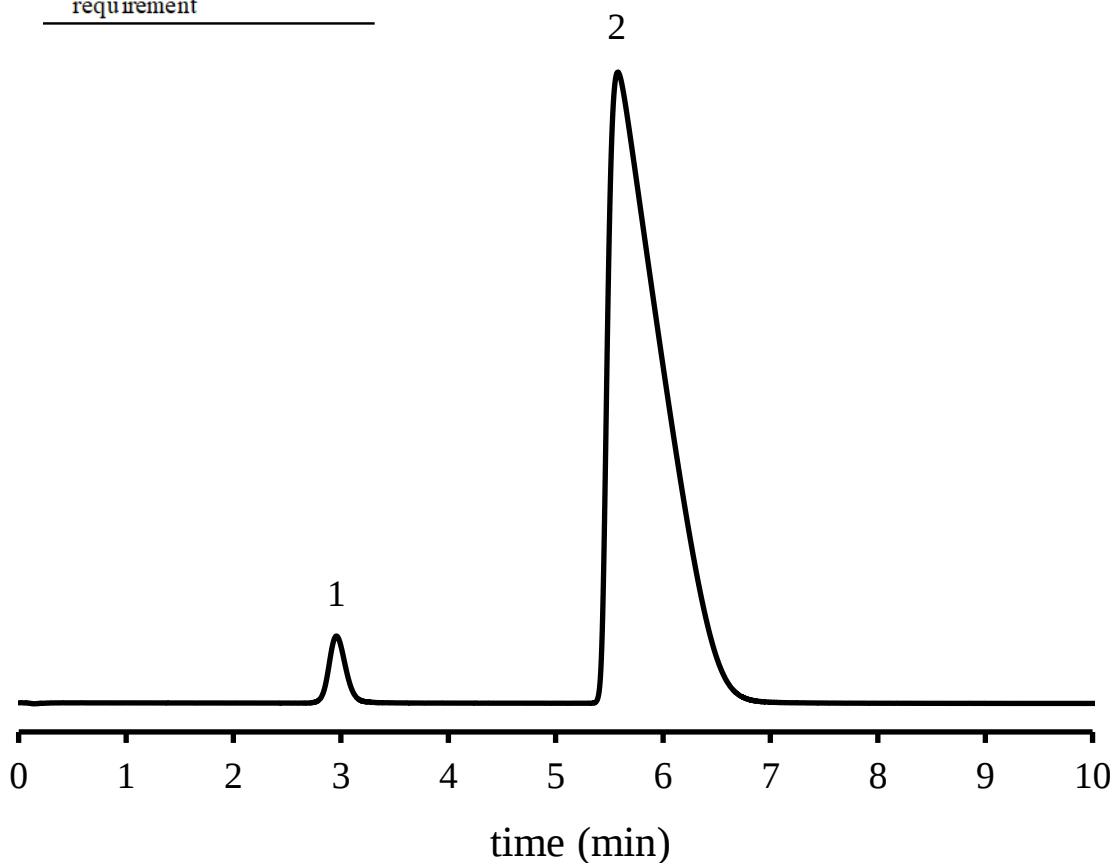
Application

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Analysis of Nitrogen (N₂) using Molecular Sieve 5A

Shown below is an analysis of nitrogen performed using a column packed with a Molecular Sieve 5A packing material according to the Japanese pharmacopoeia (JP).

Resolution	
Result	4.2
JP requirement	≥ 1.5

1. O₂2. N₂

Column: Molecular Sieve 5A 45/60 mesh 3.0 m x 3.0 mm I.D. SUS
Column temp.: 50°C
Injection port temp.: 60°C

Detector: TCD 60°C
Carrier gas: 25 mL/min He
Sample vol.: 1.0 mL

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