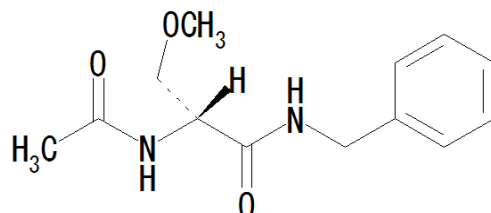


## Lacosamide :Enantiomeric purity



Column	: CHIRALPAK® AD-H 0.46cmΦ × 25cmL
Mobile phase	: Water R / 2-propanol R / Heptane R = 3 / 100 / 900 (v / v / v)
Flow rate	: 1.0mL/min.
Injection volume	: 20μL
UV detection	: 215nm

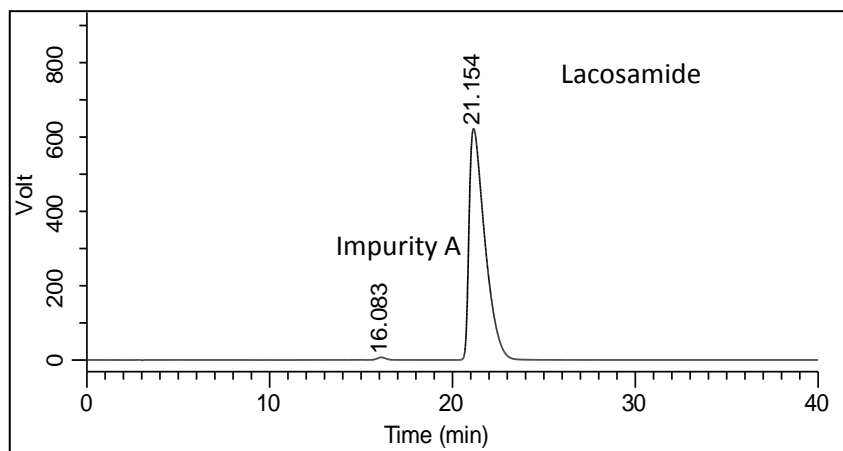
### System suitability

#### Reference solution (b):

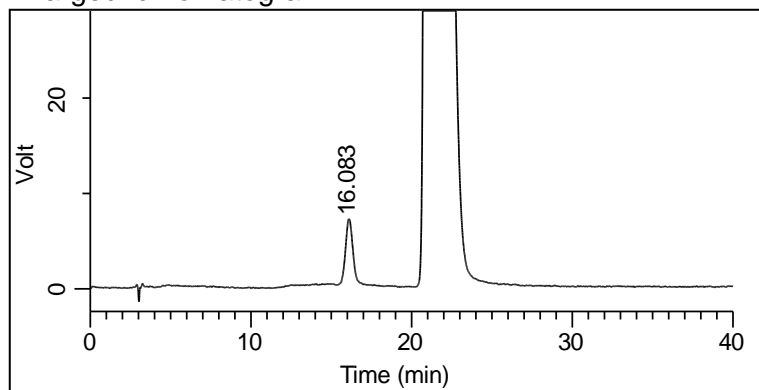
Dissolve 20.0 mg of the substance to be examined in the mobile phase, add 1.0 mL of reference solution (a) and dilute to 20.0 mL with the mobile phase.

Relative retention with reference to Lacosamide (retention time = about 25 min):

impurity A = about 0.8



### Enlarged chromatogram



	Requirement	Result
Resolution	Minimum 4.0 between the peaks due to impurity A and Lacosamide (reference solution (b))	4.3

For details of monograph, please check pharmacopoeia.