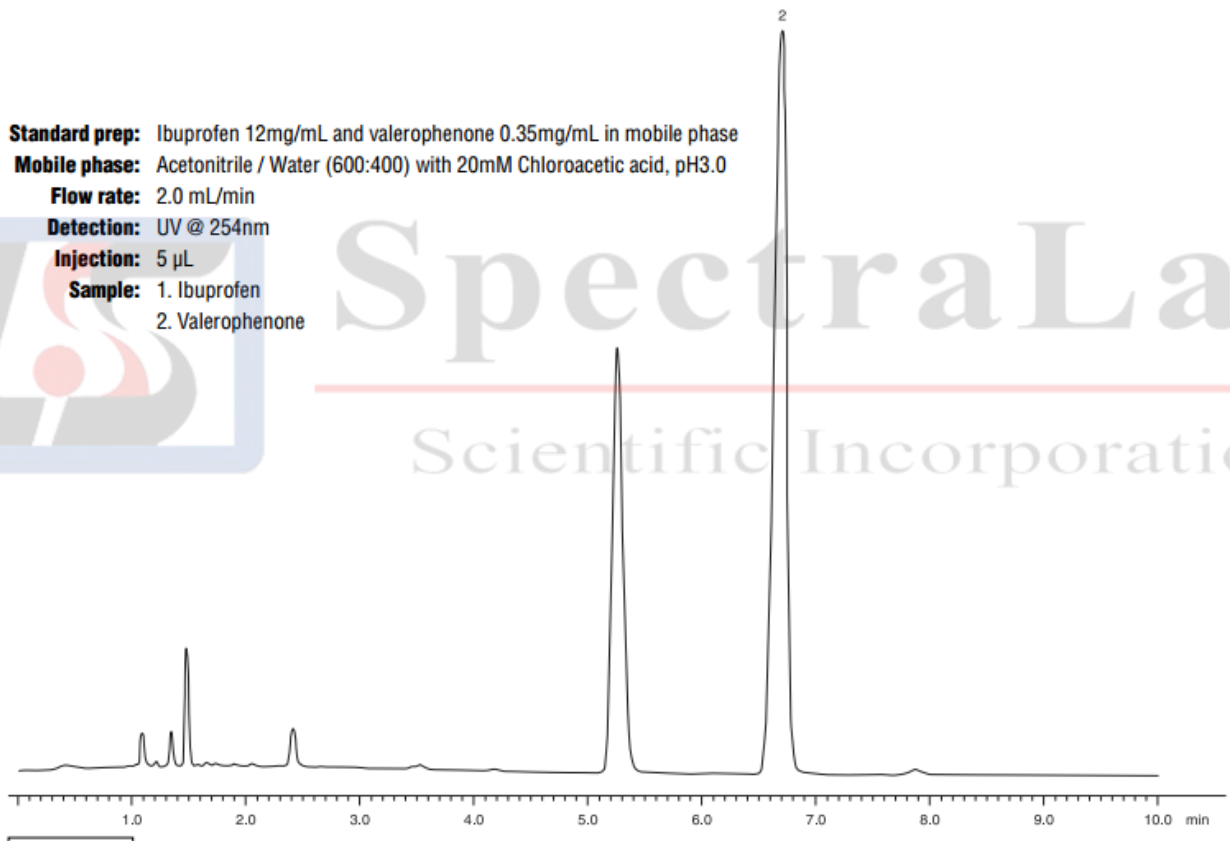
Ibuprofen – USP method

Instrument: Hitachi Transgenomic HPLC system

USP column specified: 250 x 4.6mm L1
Column used: 250 x 4.6mm LUNA® 5µm C18(2)
Part No.:00G-4252-E0

System Suitability Requirement
Resolution > 2.5

Column Performance:
Efficiency(N) = 20975 plates/column
USP Tailing Factor = 1.07
Resolution = 8.08



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Reference:

1. http://www.usp.org/sites/default/files/usp_pdf/EN/USPNF/errata467Ibuprofen.pdf
2. http://www.phenomenex.com/Application/Detail/18202