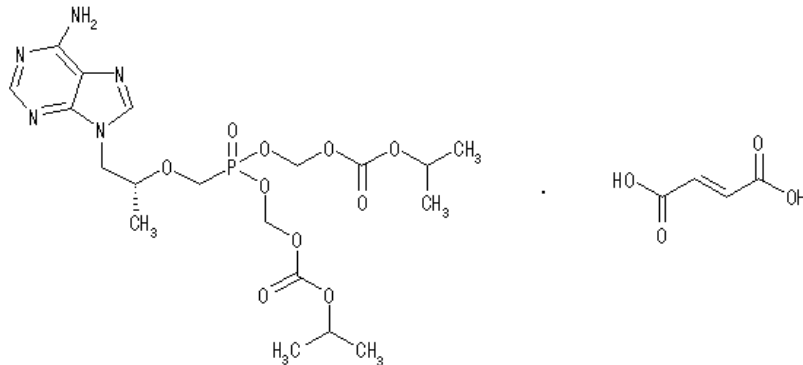


Tenofovir Disoproxil Fumarate :Enantiomeric Purity

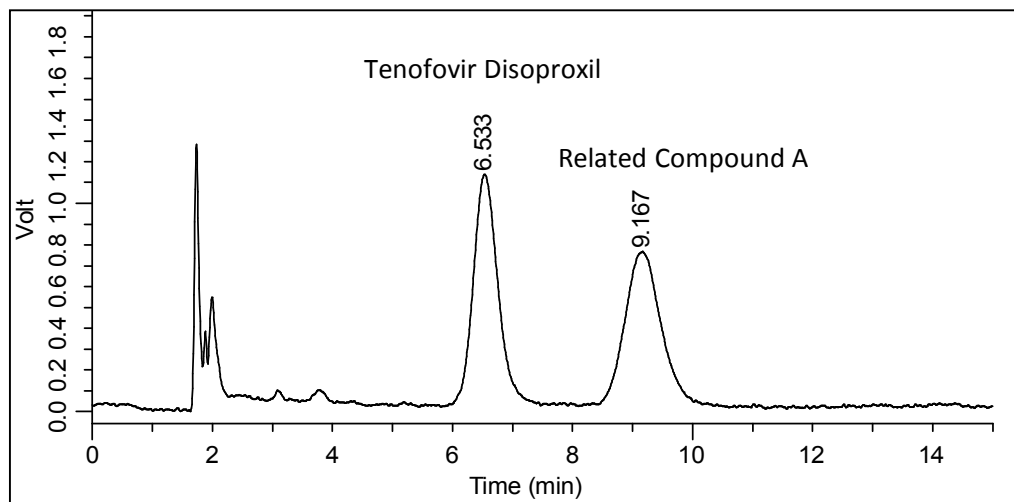


Column : CHIRALPAK® AGP 0.40cmΦ × 15cmL (L41)
 Mobile phase : Buffer / methanol = 85 / 15 (v/v) ※
 Flow rate : 0.8mL/min.
 Injection volume : 10μL
 Column temperature : 15°C
 UV detection : 260nm
 ※ Buffer : 0.1 M ammonium acetate in water. Adjust with 5% ammonia to a pH of 6.8.

System suitability

Sample : 2.5 μg/mL of USP Tenofovir Disoproxil Fumarate RS and USP Tenofovir Disoproxil Related Compound A RS in *Mobile phase*.

Relative retention time: Tenofovir Disoproxil and Tenofovir Disoproxil Related Compound A are 1.0 and 1.4, respectively.



	Requirement	Result
Resolution	≥ 1.5	2.9