

# CoreFocus Report

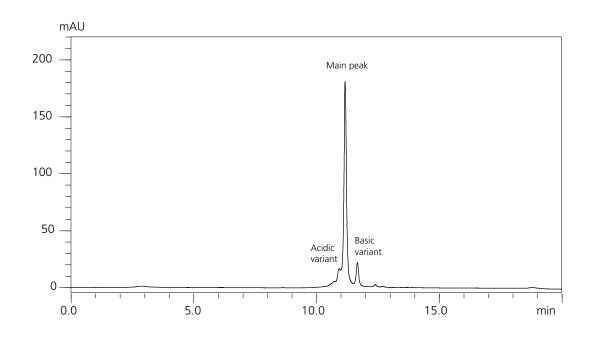
No.544

LC **Shim-pack Series** 

### Shim-pack<sup>™</sup> Bio IEX

### **Charge Variant Analysis of NIST mAb** standard

Keywords: Anti-body, Protein, Bio-pharmaceutical



Nexera<sup>™</sup> XS inert System

Shim-pack Bio IEX SP-NP (100 mm x 4.6 mml.D., 5  $\mu m)$  P/N :227-31006-03 Column

Mobile phase 20 mmol/L phosphate (Na) buffer (pH6.6)

20 mmol/L phosphate (Na) buffer (pH6.6) + 250 mmol/L sodium chloride

Flow rate 0.6 mL/min

B conc. 0% (0 min)  $\rightarrow$  45%(17 min)  $\rightarrow$  100% (17.01 - 22 min)  $\rightarrow$  0% (22.1 - 30 min) Gradient program

25 °C Column temp. Injection volume 5 μL UV 280 nm Detection

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