Filgrastim

Summary
Filgrastim (commonly marketed as Neupogen®) is a commonly used drug used to treat white blood cell deficiencies.

EDQM catalogue number
Filgrastim: Y0001173, Batch 2

Maurice CE-SDS Method
Sample preparation: Filgrastim was diluted to 1.0 mg/mL with 1X Sample Buffer prior to treatment for 10 minutes at 70 °C in the presence of either 11.5 mM IAM (non-reduced) or 650 mM βME (reduced).

Running conditions: Samples were injected for 20 seconds at 4600 V, followed by a 35-minute separation at 5750 V.

Maurice icIEF method
Sample preparation: Filgrastim was diluted to 0.085 mg/mL.
Ampholyte solution: Pharmalytes 5–8 (4%) containing 8 M urea
Running conditions: 1 minute at 1500 V, 17 minutes at 3000 V
pl markers: 5.85 and 7.05
Imaging: Absorbance and fluorescence (3 seconds)