

Bioanalytical Service

Cell based Potency Assays

G-CSF potency assay

- Determination of biological activity of G-CSF (Filgrastim)
- Validated method acc. to the European Pharmacopoeia (Monograph no. 2206)
- GMP-certified execution
- NFS 60 cell line
- Measurement of tetrazolium conversion

G-CSF potency assay example

- Calculated 80 % -activity
- Standard 100 % (640 pg/ml)
- Titration factor 1.5
- Measurement: 77.8 % activity
- Confidence interval: 7.0 %

