



## pharm-analyt – Leading Lab in PEG Analysis

After having completed another method establishment for a Polyethylenglycol (PEG) recently, pharm-analyt continues to be a leading lab in PEG analysis. Quantitative analysis has always been the main pillar for pharm-analyt for over 3 decades of operation.

Starting in 1986 with bioanalysis and HPLC-UV nowadays GMP release analysis and HPLC-MS/MS are at the core of pharm-analyt's activities. With only 20 people being employed at pharm-analyt we have kept our flexibility in order to solve analytical challenges and more recently also consistently keep timelines.

Quantifying PEGylated substances has been a specialty for more than a decade becoming a core competence in the last 2 years. At the moment pharm-analyt serves 4 different clients with quantitative analysis of PEGs and has methods to determine altogether 6 current pegylated substances in the range of 4 to 60 kDa.

pharm-analyt has covered PEG determination in the biological matrices rat/human plasma/CSF and FDP/FC/BDS formulations, always going in the direction of using stable labelled internal standards.

The most refined and up-to-date method has a calibration range of 20 to 1,000 ng/mL for a more than 50 kDa PEG in plasma with a calibration curve that is linear.

We are good at analysing various peptides, mycotoxins and anthracyclines which makes us a valued provider for the pharmaceutical industry especially in oncology/chemotherapy. However, amazement you would only experience with the PEG analytical competence and metaknowledge you will find at pharm-analyt.

Send us your quantitative analytical problem with a PEG over, you will have a 95 % chance that we will have a solution within short time.

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> 50 kDa Free PEG in Plasma

Calibration range 20.0 – 1,000 ng/mL

Upper chrom Std at LLOQ  
Lower chrom internal standard

HPLC-MS/MS

