

Application Note

Sunflower Products with the SpectraAnalyzer



Measuring whole grain and pellets

Inhomogeneous products such as whole grains must be analyzed in the *Rotating Cup Drawer*. This increases the surface area and an average over all grains can be determined. A special designed *Rotating Cup* ensures reliable measuring results.

Parameter	Range
Fat	41.5 % - 48.3 %
Moisture	5.5 % - 8.5 %



Measuring ground grain, flour and meal

For the simple and clean measurement of homogeneous samples, such as ground grains and powders, Zeutec also provides a sample container, the so-called *Closed Cup*. Zeutec also offers a mill for grinding the grains.

Parameter in ground sunflowerseeds	Range
Fat	41.5 % - 48.3 %
Moisture	5.5 % - 8.5 %

Parameter in ground sunflower meal	Range
Protein	28.2 % - 37.6 %
Moisture	7.9 % - 13.0 %
Fat	1.4 % - 3.6 %
Fiber	17.4 % - 25.2 %
Ash	5.9 % - 8.4 %



Measuring oil

Viscous samples like oil can be easily presented and analyzed in the *slide cup*.

