



| Name of the object | Name of tests and characteristics to be determined |
|--------------------------|--|
| Cereals, grains, legumes | Physical and chemical tests |
| | Moisture content determination |
| | Determination of nitrogen and crude protein content |
| | Definition of starch |
| | Determination of quality indicators by infrared spectroscopy |
| | Grain-unit |
| | Thousand seeds weight test |
| | Vitreousness test |
| | Falling Number test |
| | Determination of grain filminess |
| | Determination of total and fractional content of impurities and grain impurities |
| | Determination of crude gluten by mechanical means |
| | Determination of the quantity and quality of gluten in wheat |
| Wheat flour | Physical and chemical tests |
| | Moisture content determination |
| | Determination of nitrogen and crude protein content |
| | Falling Number test |
| | Determination of water absorption and rheological properties using a farinograph |
| | Determination of rheological properties using an alveograph |
| | Determination of gluten quantity and quality |
| | Determination of crude protein by mechanical means |



LABORATORY OF QUALITY INDICATORS OF PLANT VARIETIES

UKRAINIAN INSTITUTE FOR PLANT VARIETY EXAMINATION

| Name of the object | Name of tests and characteristics to be determined |
|---|---|
| Oil crops and products of their processing | Physical and chemical tests |
| | Determination of moisture content |
| | Determination of oil content by extraction method |
| | Determination of waste and oil impurities |
| | Determination of quality indicators by infrared spectroscopy |
| | Determination of husk content |
| | Chromatographic tests |
| | Gas chromatography |
| | Determination of fatty acid composition |
| | Definition of erucic acid |
| | Nuclear magnetic resonance (NMR) |
| | Determination of oil content |
| Seeds, meal and meal of cruciferous crops | Physical and chemical tests |
| | Determination of glucosinolates |
| Plant material | GMO analysis |
| | DNA detection |
| | Qualitative detection of genetically modified organisms in plant material |
| Seeds of agricultural crops: cereals, legumes, oilseeds, industrial crops, vegetables, melons, fodder crops | Sowing qualities |
| | Determination of seed purity and waste |
| | Determination of seed germination similarity and energy |
| | Determining seed moisture content |
| | Thousand seeds weight test |