



# Quality Control is Our Basic Principle.

We can characterize our products by following analytical methods:

## Texture Analyses of Catalysts:

- Surface area analyses by B.E.T.;
- Isotherms;
- Pore volume and pore size distribution;

## Elements and Compounds Analyses:

- XRD - semi quantitative, and quantitative analyses;
- Alkali metals analyses;
- Pd, Pt, and W by gravimetric method;
- Nitrates content;
- Total nitrogen content;
- Total ash content;
- Titration methods;

## Mechanical Properties:

- Crush tests;

## Other Physicochemical Analyses:

- X-ray diffraction;
- Microscopy;
- Size of particles;
- Particle size distribution;
- Sieving tests;
- Bulk density;
- Water content;
- Absorption, density, pH; conductometry.

## Tests:

- Activity, and selectivity tests for different processes;
- Drying capacity tests.

We can arrange other special analyses in cooperation with our partners.