Precise and Reliable DSC Results for Pharmaceuticals, Foods and Cosmetics

…by means of the DSC 204 ***F1****Nevio*, the premium differential scanning calorimeter for research and development, material characterization and contract testing.

#### **The instrument serves for the investigation of:**

* Melting temperatures and enthalpies of fusion
* Polymorphism (ability of a solid substance to exist in multiple forms or crystal structures)
* Crystallization temperatures and enthalpies
* Glass transitions (characteristic for amorphous areas or amorphous substances)
* Solid-solid interactions (e.g., between ingredients in a physical mixture)
* Phase diagrams
* Eutectic purity
* Solid-fat content (SFC)
* Reaction temperatures and enthalpies
* Specific heat capacity (cp)
* Cross-linking reactions (curing)
* Oxidation-induction time and temperature  (OIT (isothermal), OIT (dynamic), OOT)