Dr. Franz Wochner

**Reason for the Changes of CIPAC MT 179 to CIPAC MT 179.1**

* **Scope Extended**

The scope of the original MT 179 test method was limited to water-soluble granules (SG‘s).
The scope of the MT 179.1 was extended to water soluble formulations (such as SG, SP, SS).

* **Standing Time of the Test Cylinder was Prolonged**

A ‘Standing Time‘ of 16 h, as required by CIPAC MT 179, limits the flexibility in Product Chemistry Formulation laboratories, as well as Quality Control laboratories. As consequence, the ‘Degree of Dissolution & Solution Stability‘ tests can only be initiated in the afternoon. Therefore, the standing time of the ‘Solution Stability‘ test was prolonged to 24 h.

* **Test Temperature was Harmonized with other Test Methods**

The test temperature of 25 °C, as stated in MT 179, was harmonized with the conditions of other CIPAC methods: 25 +/- 5°C

* **Sieve Diameter**

In MT 179 a sieve diameter of 76 mm is required. In MT 179.1 no defined sieve diameter is stated. Also in MT 179 the sieve diameter was to some extend flexible: In Note 1 it is stated: If a 76 mm sieve is not available a sieve with a larger diameter can be used. In this case transfer the residue on the sieve quantitatively to a previously tared glass dish.

The sieve mesh size was not changed.

* **Wording for the Test Method was Harmonized**

The wording for certain steps of the procedure (for example the inversion of the test cylinder, etc.) was harmonized with the wording of these steps in other CIPAC methods.