

Code No.01-2261

SPECIFICATION

Aspartame Standard
for Food Analysis

| REQUIREMENT | SPECIFICATION |
|---|------------------------------------|
| Appearance | White, crystalline powder ~ powder |
| Solubility in water | to pass test |
| Specific rotation [α]D ₂₀ (c=4,15mol/l HCOOH) | +14.5~+16.5° |
| Loss on drying at 105°C | max.4.5% |
| * 5-Benzyl-3,6-dioxo-2-piperazineacetic acid (Diketopiperazine) | max.1.5% |
| Assay (volumetric analysis) (calculated on the dried basis) | 98.0~102.0% |
| Assay (HPLC) | min.98.0% |

*:Diketopiperazine;listing by Method of Analysis in Health Science