

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 [ $\alpha$ ]D <sub>20</sub> (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) Assay (volumetric analysis) (calculated on the dried basis) Assay (HPLC)	max.1.5% 98.0~102.0% min.98.0%

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