

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] _{D20} (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