

Code No.01-1133

SPECIFICATION

Aspartame

for Food Additives Test

REQUIREMENT	SPECIFICATION
Appearance	White, crystalline powder ~ powder
Solubility in dil.hydrochloric acid	to pass test
Specific rotation $[\alpha]_{D20}(c=4, 15\text{mol/l HCOOH})$ (calculated on the dried basis)	+14.5~+16.5°
Loss on drying at 105°C	max.4.5%
pH of a 8g/l solution at 25 °C	4.5~6.0
5-Benzyl-3,6-dioxo-2-piperazineacetic Acid	max.1.5%
Assay (calculated on the dried basis)	98.0~102.0%