

SPECIFICATION

(2S,4S)-(+)-Pentanediol

Wako 1st Grade

REQUIREMENT	SPECIFICATION
Appearance	White crystals
Solubility in ethanol	to pass test
Melting point	41~49°C
Specific rotation $[\alpha]_{D20}(c=10, C_2H_5OH)$ (calculated on the dehydrous basis)	+52.0~+55.0°
Water	max.1.0%
Optical purity	min.95.0%
Assay (capillary GC)	min.98.0%