

## SPECIFICATION

## Chlorogenic Acid Hemihydrate

Wako 1st Grade

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly brown, powder
Solubility in water	to pass test
Solubility in ethanol	to pass test
Specific rotation $[\alpha]_{D20}(c=1, H_2O)$	-33~-37°
Water	2.0~4.0%
Assay	min.95.0%