

## SPECIFICATION

## Theophylline

for the Japanese Pharmacopoeia General Tests (for Assay)

REQUIREMENT	SPECIFICATION
Description (JP method)	White crystals or crystalline powder
Identification (JP method)	to pass test
Melting point (JP method)	271~275°C
Purity (JP method)	-
(1) Acidity (JP method)	to pass test
(2) Heavy metals (JP method)	max.20ppm
(3) Arsenic (JP method)	max.2ppm
(4) Related substances (1) (JP method)	to pass test
(5) Related substances (2) (JP method)	to pass test
Loss on drying (JP method)	max.0.5%
Residue on ignition (JP method)	max.0.1%
Assay (after drying) (JP method)	min.99.0%
Solubility in water	to pass test

This product is suited for Theophylline for assay of general tests on The Japanese Pharmacopoeia.