

## SPECIFICATION

## Sodium Hydroxide

## Japanese Pharmacopoeia

REQUIREMENT	SPECIFICATION
* Description (JP)	White small pill, flakes, stick or other mass
Identification (JP)	to pass test
Purity (JP)	-
(1) Clarity and color of solution (JP)	to pass test
(2) Chloride (JP)	not more than 0.050%
(3) Heavy metals (JP)	not more than 30ppm
(4) Potassium (JP)	to pass test
(5) Sodium carbonate (JP)	not more than 2.0%
(6) Mercury (JP)	to pass test
Assay (NaOH) (JP)	not less than 95.0%
* Bacterial endotoxins	less than 10EU/g
Identification (USP-NF)	to pass test
Assay (USP-NF)	-
(1) Total Alkali (USP-NF)	95.0~100.5%
(2) Sodium Carbonate (USP-NF)	NMT 3.0%
(3) Content of Sodium (USP-NF)	54.0~59.8%
Impurities (USP-NF)	-
(1) Potassium (USP-NF)	NMT 0.5%
Specific tests (USP-NF)	-
(1) Insoluble substances and organic matter (USP-NF)	to pass test
* Appearance (Ph.Eur.)	White or almost white, crystalline masses, supplied as pellets, sticks or slabs
Identification (Ph.Eur.)	to pass test
Appearance of solution (Ph.Eur.)	to pass test
Carbonates (Ph.Eur.)	maximum 2.0%
Chlorides (Ph.Eur.)	maximum 200ppm
Sulfates (Ph.Eur.)	maximum 200ppm
Iron (Ph.Eur.)	maximum 10ppm
Assay (NaOH) (Ph.Eur.)	97.0~100.5%

Japanese Pharmacopoeia(Sodium Hydroxide)(\*Additional test performed by Wako)United States Pharmacopeia - National Formulary)(Sodium Hydroxide)European Pharmacopoeia(Sodium Hydroxide)(\*Additional test performed by Wako)