

SPECIFICATION

Sodium Bicarbonate

Japanese Pharmacopoeia

REQUIREMENT	SPECIFICATION
* Description (JP)	White, crystals or crystalline powder
Identification (JP)	to pass test
pH (JP)	7.9~8.4
Purity (JP)	-
(1) Clarity and color of solution (JP)	to pass test
(2) Chloride (JP)	not more than 0.040%
(3) Carbonate (JP)	to pass test
(4) Ammonium (JP)	to pass test
(5) Heavy metals (JP)	not more than 5ppm
(6) Arsenic (JP)	not more than 2ppm
Assay (NaHCO ₃) (JP)	not less than 99.0%
* Bacterial endotoxins	less than 10EU/g
* Appearance (Ph.Eur.)	White or almost white, crystalline powder
Identification (Ph.Eur.)	to pass test
Appearance of solution (Ph.Eur.)	to pass test
Carbonates (Ph.Eur.)	to pass test
Chlorides (Ph.Eur.)	maximum 150ppm
Sulfates (Ph.Eur.)	maximum 150ppm
Ammonium (Ph.Eur.)	maximum 20ppm
Calcium (Ph.Eur.)	maximum 100ppm
Iron (Ph.Eur.)	maximum 20ppm
Assay (NaHCO ₃) (Ph.Eur.)	99.0~101.0%

Japanese Pharmacopoeia(Sodium Bicarbonate)(*:Additional test performed by Wako)European Pharmacopoeia(Sodium Hydrogen Carbonate)(*:Additional test performed by Wako)