Distributed by FUJIFILM Wako Pure Chemical Corporation
Manufactured by FUJIFILM Wako Pure Chemical Corporation

Code No.08-1077

SPECIFICATION

L-Histidine Hydrochloride Hydrate

Japanese Pharmacopoeia

	REQUIREMENT	SPECIFICATION
*	Description (JP)	White crystals or crystalline powder
	Identification (JP)	to pass test
	Optical rotation [α]D20 (JP)	+9.2～+10.6°
	pH (JP)	3.5～4.5
	Purity (JP)	-
(1)	Clarity and color of solution (JP)	to pass test
(2)	Sulfate (JP)	not more than 0.028%
(3)	Ammonium (JP)	not more than 0.02%
(4)	Iron (JP)	not more than 10ppm
(5)	Related substances (JP)	to pass test
	Water (JP)	7.2～10.0%
	Residue on ignition (JP)	not more than 0.1%
	Assay (calculated on the dehydrous basis) (JP)	99.0～101.0%
*	Bacterial endotoxins	less than 2.0EU/g
	Identification (Ph.Eur.)	to pass test
	Appearance of solution (Ph.Eur.)	to pass test
	pH (Ph.Eur.)	3.0～5.0
	Specific optical rotation (Ph.Eur.)	+9.2～+10.6°
	Ninhydrin-positive substances (Ph.Eur.)	-
(1)	For each impurity (Ph.Eur.)	maximum 0.2%
(2)	Total (Ph.Eur.)	maximum 0.5%
	Sulfates (Ph.Eur.)	maximum 300 ppm
	Ammonium (Ph.Eur.)	maximum 0.02%
	Iron (Ph.Eur.)	maximum 10ppm
	Loss on drying (Ph.Eur.)	7.0～10.0%
	Sulfated ash (Ph.Eur.)	maximum 0.1%
	Assay (dried substance) (Ph.Eur.)	98.5～101.0%

Japanese Pharmacopoeia (L-Histidine Hydrochloride Hydrate)(*:Additional test performed by Wako)European Pharmacopoeia (Histidine Hydrochloride Monohydrate)

revised on 2025/11/26