2026/10/23
Distributed by FUJIFILM Wako Pure Chemical Corporation
Manufactured by FUJIFILM Wako Pure Chemical Corporation

Code No.01-0481

SPECIFICATION

L-Asparagine Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ～ crystalline powder
Assay ($C_4H_8N_2O_3 \cdot H_2O$)	min.99.0%(mass/mass)
Solubility in water	to pass test
Specific rotation [α]D20(after drying at 130℃)	+33.0～+36.5°
Loss on drying at 130℃	11.5～12.5%(mass/mass)
Residue after ignition (as sulfate)	max.0.05%(mass/mass)
Chloride (Cl)	max.0.01%(mass/mass)
Sulfate (SO_4)	max.0.02%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH_4)	max.0.02%(mass/mass)
Foreign amino acids	to pass test

JIS K 8021:2024(*:Additional test performed by Wako but not required by JIS)

revised on 2024/07/08