

1106 – L-ASPARAGINE (MONO)

REF NO: TBL/QA/SS/LC/1106	STANDARD SPECIFICATION FOR L-ASPARAGINE (MONO)	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 1106

PRODUCT PROPERTIES

C.A.S Number	5794-13-8
Chemical Formula	C ₄ H ₈ N ₂ O ₃ .H ₂ O
Formula weight	150.14
Functional Uses	L-Asparagine, a proteinogenic amino acid, is used in biomanufacturing cell culture systems for the production of therapeutic recombinant proteins and monoclonal antibodies and in cell culture based research.
Standard Packaging	25gm, 100gm, 500gm and 25kg Paper Bag/ HDPE Drum

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystals or crystalline powder, slightly sweet in taste. Sparingly soluble in water.
State of Solution	Clear & colorless.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.02%
Sulphate (SO ₄)	NMT – 0.02%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

