

## 1108– DL-ASPARTIC ACID

Ref No: TBL/QA/SS/LC/1108	STANDARD SPECIFICATION FOR L-ASPARTIC ACID	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 1108

### PRODUCT PROPERTIES

C.A.S Number	56-84-8
Chemical Formula	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
Formula weight	133.10
Functional Uses	L-aspartic acid has been used as one of the components of synthetic drop out media for culturing budding yeast. It has also been used to study non-enzymatic gluconeogenesis.
Standard Packaging	25 gm ,100 gm and 500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 0.1%
Sulphate (SO <sub>4</sub> )	NMT – 0.03%
Chloride (Cl)	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Zinc (Zn)	NMT – 0.0005%
Assay	NLT – 99.0%

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