



# Product Specification



Material	MA1195-5KG
Material description	L-Aspartic acid sodium salt monohydrate
Grade	Ultra Pure
CAS Number	323194-76-9
Molecular formula	HO <sub>2</sub> CCH <sub>2</sub> CH(NH <sub>2</sub> )CO <sub>2</sub> Na.1H <sub>2</sub> O
Molecular mass	173.10
Storage	Ambient storage.

## Characteristics

## Specifications

Assay	≥ 98.5 %
Appearance	White crystalline powder
Identification (IR)	Conforms to reference
Solubility in water (10 % W/V)	Clear,colorless,complete
pH (1 % V/V)	6.6 - 7.3
Heavy metals (as Pb)	≤ 5 ppm
Water	9.5 - 11.5 %
Cl (Chloride)	≤ 0.03 %
SO <sub>4</sub> (Sulphate)	≤ 0.05 %
Absorbance (420 nm) (25 % W/V)	≤ 0.03

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.