



Product Specification

Product Name: SODIUM ALGINATE LR

Alternate Name(s) Sodium polymannuronate; Alginic acid sodium salt.

Description

White to tan powder; slight odour.

Properties

Chemical Formula:

Molecular Weight: (198.11)n

Product Code: SL117

CAS No. 9005-38-3

General Information:

Soluble in water forming viscous colloidal solutions, becoming a past at higher concentrations; insoluble in alcohol, chloroform and diethyl ether. Incompatible with strong oxidisers, strong acids and strong bases.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH66
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: N/A

Quality Specification

Typical Assay:

Specific Properties and Impurities [Typical levels]:

Appearance	Milk White Powder
pH	6.0 - 8.0
Insolubles in water	< 1.0%
Loss on drying	< 15%
Sulphate ash content	30-37%
Lead	< 0.0004%
Heavy Metal	< 0.002%
Arsenic	< 0.0002%

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