

**A0030NN Gold Line**

powder

**Typical analysis**

Acid not soluble ash	0.5%
Arsenic (As)	0.0001%
Ash	0.9%
Lead (Pb)	0.0001%
Loss on drying	20%
Moisture	9.4%
Sulphate (SO <sub>4</sub> )	1%
Water-insoluble matter	1.0%

**Packaging**

- 250g white plastic jar
- 500g white plastic jar

**Physical properties, composition and data**

Synonym	Agar; Bengal; Ceylon; Chinese and Japan isinglass; Gelose; Japan agar; Layor Carang
Chemical group	Polysaccharide
Occurrence in nature	Agarocytes of algae
Mixture	Polysaccharides agarose and agaropectin
Atomic weight	Varies according to composition
Appearance	Transparent to yellowish coarse or fine powder
Solubility	Dissolves slowly in hot water forming a gel
Density (g/ml)	Bulk: 550kg/m <sup>3</sup>
pH (aqueous solution)	8.19

**Laboratory preparation, applications and practices**

Laboratory preparation	"As preparation" - A phycocolloid derived from red algae such as Gelidium and Gracilaria; it is a polysaccharide mixture of agarose and agaropectin
Usage	Microbiology. Gel preparations
Filter paper	Filtech no: 6278

**Storage and handling information**

Storage	Store at room temperature protected from direct sunlight and moisture
Disposal methods	16

**Transport regulations**

Tariff code	1302.31.00
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