

## MURPHY & SON LIMITED. QUALITY ASSURANCE SYSTEM

### PRODUCT SPECIFICATIONS

PRODUCT CODE: ALGX

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PRODUCT: ALGINEX

ISSUE: 4.1

Written/Authorised by: H.J. Kane

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**Product Code:** ALGX

**Formulation:** BM02

**Composition:** Solution of gum polysaccharide containing sodium metabisulphite as preservative

Alginex 287 complies with current laws as suitable for use in food, as defined by the MAFF document '*Report on the Review of Additives and Processing Aids used in the Production of Beer*' (FAC/REP/26)

**Appearance:** Dark brown liquid

#### **Analysis:**

**SO<sub>2</sub>:** 15% minimum \*

**Colour (0.35% solution):** 1.9 – 2.2

**Microbiological:** <10,000 cfu/ml

#### **Maximum limits of Impurities:**

|           |        |              |        |
|-----------|--------|--------------|--------|
| <b>As</b> | 3 ppm  | <b>Zn</b>    | 25 ppm |
| <b>Pb</b> | 10 ppm | <b>Cu+Zn</b> | 50 ppm |
| <b>Cu</b> | 50 ppm |              |        |

#### **Additional Information:**

**Storage:** Store under cool, dry conditions in tightly sealed containers

**Shelf life:** Minimum 3 months at cellar temperatures

**Rate of Use:** As determined by trials. Brewers may wish to take advantage of Murphy's free fining trials service, which can be conducted either 'in-house' or at our Nottingham laboratories

\* The SO<sub>2</sub> specification is that at the time of manufacture. Because of the volatile nature of this material SO<sub>2</sub> levels at delivery will usually be less than this figure