

MURPHY & SON LIMITED QUALITY ASSURANCE SYSTEM

PRODUCT SPECIFICATIONS

PRODUCT CODE: KKT

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PRODUCT: KOPPAKLEER TABLETS.

ISSUE: 1.0

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Formulation: BM

Composition: A blend of brewery approved seaweed based products containing sulphated polysaccharide of galactose and anhydrogalactose units extracted from seaweed; and dispersing agents. Koppakleer Tablets are classed as acceptable for use in food by the MAFF document '*Report on the Review of Additives and processing Aids used in the Production of Beer*' (FAC/REP/26). Carageenan moiety conforms to E407, FAO and FCC regulations.

Appearance: Off white tablets. Tablets disperse completely in water at temperatures above 90 °C.

Analysis:

Copper Fining Action: 95 - 105% of the standard
Weight per Tablet: Approx. 4.6 gms/tablet

Maximum Limits of Impurities:

As	< 3 ppm
Pb	< 10 ppm
Cu	< 50 ppm
Zn	< 25 ppm
Cu + Zn	< 50 ppm

Additional Information:

Storage: Cool, dry conditions in tightly sealed containers.

Shelf Life: Minimum 12 months under recommended storage conditions.

Rate of Use: As determined by trials dependent upon the gravity of the wort being treated, the source of the malt, percentage of adjuncts etc. Brewers may wish to take advantage of Murphy's free wort evaluation service, which can be conducted either at the Brewery or at our Nottingham laboratories. Contact **Dr Christine Fleming, Tel. 0115 978 5494** for further details.