

AGAR HIGHLY PURIFIED

Highly purified agar for use in biochemistry and in microbiology.

DESCRIPTION

Agar Highly Purified is manufactured from carefully selected *Gelidium* seaweeds (*Rhodophyceae*). Through purification process the product obtained has an ash content essentially lower than that of bacteriological agar. This process also has decreased the small oligosaccharides fraction and increased the agarose content. The physiochemical, biochemical and bacteriological and biochemical properties of this product are strictly controlled to guarantee its exceptional behaviour in biochemical, bacteriological and mycological applications.

TYPICAL ANALYSIS

Loss on drying	< 10 %
Ash	< 10 %
Gel strenght (1.5% Nikkan)	700 - 1000 g/cm2
pH (1.5 %)	6 - 7
Gelling point (1.5 %)	32 - 37.5° C
Melting point (1.5%)	80 - 95° C
Turbidity	< 100 NP
Absorbance, 430 nm	< 0.150
Resistivity (1% suspension)	> 25.000
Electroendosmosis pH 8.4	< 0.450

Packaging

4110352 **Agar Highly Purified,** **500 g**