



XANTHAN GUM (Lot 160502)

CAT. NO: P-XANTH
CAS: 11138-66-2

06/19

DESCRIPTION

Xanthan gum is an anionic polysaccharide composed of a β -(1,4)-D-glucopyranose glucan backbone with side chains of (1,3)- α -D-mannopyranose-(2,1)- β -D-glucuronic acid-(4,1)- β -D-mannopyranose on alternating residues. Approximately half of the terminal mannose residues are 4,6-pyruvated while most of the inner mannose residues are 6-acetylated.

PROPERTIES

Physical Description: Off-white, odourless powder

STORAGE CONDITIONS

Store dry at room temperature in a well-sealed container. Under these conditions, the product is stable for several years.

APPLICATIONS

For use in the screening of *endo*-hydrolase enzymatic activities using insoluble dyed polysaccharides.

METHOD OF DISSOLUTION

Prepare as described in the “**P-XANTH application note**” available in the documents section.