

DEBRANCHED ARABINAN (SUGAR BEET) (Lot 100401c)

P-DBAR	
CAS:	

9060-75-7

PREPARATION:

Debranched arabinan is prepared by treatment of sugar-beet arabinan with α -Larabinofuranosidase to remove all 1,2- and 1,3- α -L-arabinofuranosyl branch units. Complete debranching is confirmed by proton resonance NMR.

Monosaccharide composition of debranched arabinan lot 100401c is: Arabinose : Galactose : Rhamnose: = 71 : 26 : 3

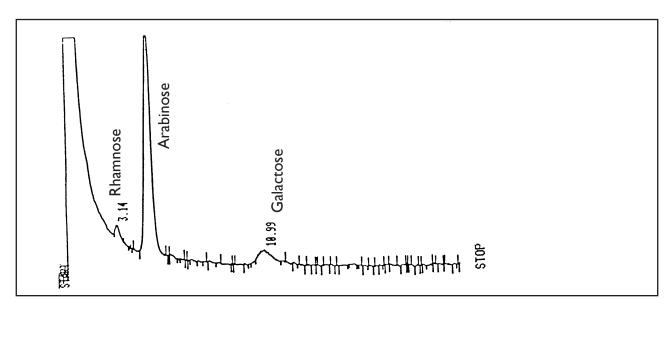
DISSOLUTION:

Debranched arabinan is sparingly soluble in cold water, but readily dissolves in water at 70° C. Concentrations of up to 20 % w/v can be achieved.

PROPERTIES:

Protein content:I.I % (Nitrogen x 5.7).Physical description:Odourless, off-white powder.Molecular weight:Approximately 18,000 Daltons.Soluble in hot water, but will precipitate on storage at 4°C.

Typical Glc trace of alditol acetates:



05/16

