



FREQUENTLY ASKED QUESTIONS IS GUARCOL® GLUTEN FREE?

What is Coeliac Disease?

Coeliac Disease (Gluten-sensitive enteropathy) is characterised by an abnormal inflamed mucosa in the small intestine. It is induced by a component of the gluten protein of wheat, mainly the gliadin fraction.

Barely, rye and oats are also likely to cause the abnormal mucosa which is a local immunological response to gluten ^(1,2).

How is Guar Gum obtained?

Guar Gum is obtained from the grinding of the endosperms of the seeds of the *Cyamopsis tetragonolobus*. This ground powder consists of guar galactomannan, which is composed of polysaccharides D-galactose and D-mannose ⁽²⁾.

What is Gluten?

Gluten is a mixture of proteins, gliadin and glutenin present in wheat flour and to a lesser extent in barley, oats and rye ⁽³⁾.

Guarcol is gluten free

Guarcol should not affect people suffering from coeliac disease as guar gum (Guarcol) is made up of polysaccharides and not any Gluten proteins. Also Orion's Guarcol is of the highest quality, made from 100% guar gum with no fillers or additives and in accordance with the TGA's, TGO69 can be classed as gluten free

References:

1. Davidson's Principles and Practice of Medicine. Fourteenth edition. Edited by J. Macleod. Churchill Livingstone, Edinburgh, 1985, p313.
2. Martindale, The complete drug reference, 33rd edition, Edited by S.C. Sweetman. Pharmaceutical Press, London, 2002, p323-324, 1350 & 1616.
3. Martindale, The Extra Pharmacopoeia, 28th edition. Edited by J. E. F. Reynolds. Pharmaceutical Press, London, 1982, p1714.

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19 February 2004