

Abstract

The carob polysaccharide comprises two types of monosaccharides, galactose and glucose, wherein the molar ratio of galactose to glucose is (88–92):(0.8–1.2), and the carob polysaccharide is linked and combined through glycosidic bonds of (1→4)-Glu, (1→3,4,6)-Glu, (1→3)-Gal, (3→6)-Gal, (2→4,6)-Gal, (2→6)-Gal, and (1→)-Gal. The carob polysaccharide can improve the respiratory tract, stop coughing, reduce phlegm, and also enhance immunity.