



By-Products of Apple Pomace as Functional Compound

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Apple pomace is a valuable by product of apple processing factories. This product has many advantages to be used for animal feeds and other industries. Apple pomace has been shown to be a good source of pectin (1.5-2.5%), dietary fibers (4.3-10.5%), antioxidant and polyphenol compounds, which have nutritional and medical importance. Furthermore, there are some other compositions in apple pomace, which is important in the industry especially for food & pharmaceutical processing. Now, many of these products are imported from other countries, so it is absolutely necessary to know the production technology, properties, and potential applications of these products. In this paper, the comprehensive investigation about the published papers concerning valuable products from apple pomace has been done and their characteristic, applications and optimal production conditions has been discussed.

Keywords: Apple pomace, Pectin, Biogas, Antioxidant, Dietary fibers, Xanthan

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