

Glycerol residue - a rich source of glycerol and medium chain fatty acids

ABSTRACT

Glycerol residue, a by-product of glycerol refining from a palm kernel oil methyl ester plant, was found to be a good source of glycerol and medium chain fatty acids. From analyses of twelve samples, it was found to contain, on average, 20.2 % glycerol and 6.6 % fatty acids. The fatty acids comprised mainly C8:0 (30.3 %), C10:0 (9.4 %) and C12:0 (40.8 %).

Keyword: Glycerol residue; Glycerol; Medium chain fatty acid; Palm kernel oil