Increased cases of deaths as a result of taking home made brewspirits have been a major concern in our country. Recently many lives have been lost due to the ignorance of the brewers and their patrons. This study was carried out to determine the levels of nitrate in home - made brews home - made spirits raw materials and water. Four hundred and forty 440 home - made alcoholic beverages one hundred and ten 110 water and eighteen 18 raw materials samples obtained from various parts of Nairobi slums and its environs were analyzed for nitrate. UV-visible Spectrophotometry was used in the research. Some samples contained analyte values above limits set. The concentrations of nitrate varied from non detectable ND to 46.3 1.404 mg/l. The recommended maximum contamination levels set by KEBSWHO for nitrate in alcohols is nitrate 50 mg/l. Most of the home made brews and spirits analyzed in this study had values slightly lower than the levels recommended by the World Health Organization. Values of nitrate were observed to be generally high in the brewspirits and the raw materials used. The raw materials may have contributed in elevating the levels of these pollutants in the brews. These findings are therefore useful since they provide a justified cause for the Kenyan Government to fight the selling of local alcoholic beverages.