Claims

1. A method for stabilizing a liquid cell culture medium comprising including in the medium at least 20 mM 4-Methyl-2-oxopentanoic acid, 3-methyl-2-oxopentanoic acid, alpha-ketoisovaleric acid, phenylpyruvic acid and/or alpha keto gamma methylthiobutyric acid and/or metal salt derivatives selected from the sodium, potassium, calcium or magnesium salt, peptide derivatives in which one, two or three amino acids are linked to the keto acid via a peptidic bond as well as ester derivatives in which the carboxylic acid of the keto acid forms alkyl or aryl esters and whereby the resulting medium shows less color change and/or less precipitation upon storage over 90 days at 4°C or at room temperature compared to a medium of the otherwise same composition which lacks the 4-Methyl-2-oxopentanoic acid and/or 3-methyl-2-oxopentanoic acid and/or metal salt derivatives selected from the sodium, potassium, calcium or magnesium salt, peptide derivatives in which one, two or three amino acids are linked to the keto acid via a peptidic bond as well as ester derivatives in which the carboxylic acid of the keto acid forms alkyl or aryl esters or in which the 4-Methyl-2-oxopentanoic acid and/or 3-methyl-2-oxopentanoic acid and/or metal salt derivatives selected from the sodium, potassium, calcium or magnesium salt, peptide derivatives in which one, two or three amino acids are linked to the keto acid via a peptidic bond as well as ester derivatives in which the carboxylic acid of the keto acid forms alkyl or aryl esters have been substituted by corresponding amino acids.