19. Method according to any one of claims 1 to 18, characterized in that an absolute pressure of 0.9 to 5 bar, preferably 1.0 to 3 bar, particularly preferably 1 to 1.5 bar, is employed.

20. Method according to any one of claims 1 to 19, characterized in that a weight ratio of catalyst to 3-(methylthio)propanal of 0.00005 to 0.002, preferably 0.0001 to 0.001, is used.

21. Method according to any of claims 1 to 20, characterized in that the method is carried out batchwise, semicontinuously, or continuously.

~~22. Use of a reaction product containing MMP-cyanohydrin produced according to any one of claims 1 to 21 for producing D,L-methionine or 2-hydroxy-4-methylthiobutyric acid.~~