

Method of producing dry soluble mixture based on a combination of hemp protein and whey protein concentrate for enteral nutrition of individuals with carbohydrate metabolism disorders consists of four main stages and the addition of components per 100 kg of product. In the first stage, the raw material is sieved through a sieve. In the second stage, trituration is performed, which involves adding riboflavin, pyridoxine, beta-carotene, 50 g of hemp seed protein powder and 50 g of whey protein concentrate, followed by mixing for 10–15 minutes. In the third stage, preliminary mixing is performed, during which 24.0 kg each of hemp seed protein powder and whey protein concentrate, coenzyme Q10, zinc gluconate and the mixture obtained as a result of the previous trituration are added and mixed for 15–20 minutes. In the fourth stage, the remaining specified amounts of hemp seed protein powder and whey protein concentrate, isomaltulose, fructose, medium-chain triglycerides of plant origin from palm kernel oil, sunflower lecithin, L-glutamine, ascorbic acid, hawthorn extract, chicory root extract, rutin, calcium lactate, magnesium citrate, glucosamine hydrochloride are added to the mixer with the mixture obtained after previous mixing and mixed for 15-20 minutes. Wherein, the recipe components for preparing the claimed mixture are taken in the following ratios, wt. %:

hemp seed protein powder	44,000-45,000
isomaltulose	34,000-35,000
fructose	5,500-6,000
medium-chain triglycerides of plant origin from palm kernel oil	5,000-6,000
whey protein concentrate	4,000-5,000
sunflower lecithin	2,500-3,000
L-glutamine	2,500-3,000
ascorbic acid	0,200-0,250
hawthorn extract	0,150-0,220
chicory root extract	0,150-0,180
rutin (vitamin P)	0,140-0,160
calcium lactate	0,045-0,500
magnesium citrate	0,045-0,500
glucosamine hydrochloride	0,045-0,500
coenzyme Q10	0,010-0,015
zinc gluconate	0,010-0,015
beta-carotene	0,006-0,008
riboflavin	0,002
pyridoxine	0,002.