Molecular Weight of the Bovine Collagen Derived from Tendon (Catalog Nos. 5162-1GM and 5164-5GM)

Questions:

What is the molecular weight of the tendon derived bovine collagen products you offer (Catalog Nos. 5162-1GM and 5164-5GM)?

Answer:

We are unable to provide the molecular weight of these collagen products. Several search attempts to determine the molecular weight for these products have been unsuccessful since the products are insoluble.

The molecular weight for this product is many times the size of soluble collagen making the SDS PAGE technique usually used to determine molecular weight not appropriate. However, if digestion of this material with cyanogen bromide is performed, the SDS PAGE analysis of the resulting peptides is possible. We have not done this test.