COMPARING ALBUMIN MANUFACTURERS

Albumin can be an important excipient in a drug or therapy development process, but which albumin to choose? Parameters important to consider include technical performance, purity, consistency and regulatory documentation. With more than 30 years of experience working with albumin, Albumedix are proud to be considered the world leading manufacturer of recombinant human albumin.

RECOMBUMIN*: A PURE AND CONSISTENT PRODUCT

- Albumedix albumins are recombinantly produced in our proprietary yeast strain at our cGMP manufacturing site in the UK.
- Recombumin* provides extremely high batch-to-batch consistency free from undefined impurities, contrasted with serum-derived albumin pooled together from different donors.
- We have spent over 25 years optimizing our production process and yeast strain, resulting in a very pure and consistent product as compared to other recombinant albumin sources.

COMPARING PURITY OF RECOMBINANT ALBUMIN SOURCES

- Albumedix formulation scientists have compared different recombinant albumin (rAlb) sources using Electrospray Ionisation Mass Spectrometry (ESI-MS).
- All other rAlb products showed alternative albumin profiles, whereas Recombumin* purely shows the native human albumin.
- Alternative albumin profiles may affect the albumin natural properties, including binding and transportation properties, which may in turn affect product performance.

LEAST PIGMENTED OF THE COMMERCIALLY AVAILABLE ALBUMINS

When you know exactly what you get with every batch of albumin you have the possibility to understand and modulate performance in a consistent way.

There are several different ways to judge the quality of your albumin product. The easiest way is simply to look at it!

Visual inspection is often one of the first analytical tests performed to examine product color and clarity.

This parameter is important as it is often considered a direct indication of product quality and purity.