



Dextran sulfate sodium (DSS) for colitis and IBD research

CAS No: 9011-18-1

- Molecular weight – 35,000-50,000 Da
- Sulfur content – 16-19%
- Golden standard - Premium quality reagent to induce colitis in experimental animals

One of our top selling products globally

History

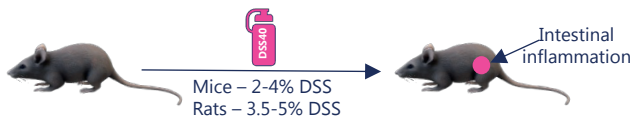
Dr. Tony de Belder, the founder of TdB Labs AB has been a pioneer in studies on dextran sulfate for inducing colitis in experimental animals that had begun 40 years ago at Pharmacia, Uppsala. His work finally led to the choice of a dextran sulfate sodium salt (DSS) with a molecular weight of approximately 40kDa and 16-19% sulfur content for efficiently inducing colitis.



Dr. Tony de Belder

Animal models of DSS-induced colitis

Gold standard and a highly potent method for inducing colitis in experimental animals is by orally administering DSS40 in drinking water.



Competitor analysis

Test	DSS from TdB Labs	DSS from competitor
Colour	White	Less white
Mw	45,372 Da	49,820 Da
PD	1.50	1.81
Sulphur	17.9%	19.7%
pH	5.8	6.4

DSS40 from TdB Labs has a perfectly white colour, a testament to its remarkable purity. Our product also shows less polydispersity (PD), thereby indicating less heterogeneity.

How to order