

- Bovine Spongiform Encephalopathy (BSE) -

Creatine was discovered in the first half of the 19th century as a component of beef-tea and for quite some time *Liebig's Fleischextrakt* (an animal extract) was the only source for Creatine. Degussa's Creatine Monohydrate (Creapure[™]) is a fully synthetic product from chemical synthesis. Degussa's patent protected manufacturing process (cf. US 5,719,319) guarantees highest quality, purity and safety.

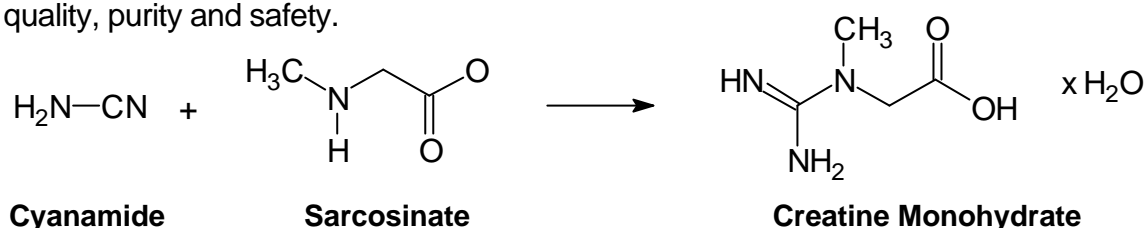


Fig.1. Chemical synthesis of Creapure[™] (Creatine Monohydrate), patent protected by Degussa.

Due to the fact that Creapure[™] (Creatine Monohydrate) is synthesized by chemical reaction using non-animal based starting materials Creapure[™] is **GUARANTEED FREE of BSE** transmissible agents and suitable for vegetarians.

Bovine Spongiform Encephalopathy (BSE) is a fatal, neuro-degenerative, transmissible brain disease of cattle. The disease is fatal for cattle within weeks to month of its onset. BSE is associated with a transmissible agent. The agent effects the brain and spinal cord of cattle and lesions are characterized by sponge-like changes visible with an ordinary microscope. The agent is highly stable, resisting freezing, drying and heating at normal cooking temperatures, such as those used for pasteurization and sterilization at usual temperatures and for usual times.

Creutzfeldt-Jakob disease (CJD) is the prototype of human Transmissible Spongiform Encephalopathies (TSE). A newly recognized form of CJD, variant Creutzfeldt-Jakob disease (vCJD) was first reported in March 1996 in the UK. vCJD seems to affect mainly young patients, has a relative long duration of illness and is strongly linked to exposure, probably through cattle-based food, to BSE.