

Quality of preserved boar semen for the use in artificial insemination

Guidelines of the spermatology reference laboratories of the German Livestock Association (BRS e.V.) - 02.08.2023

Motile spermatozoa until 72 h of storage [%]	65
Morphological abnormal spermatozoa, sum [%]	≤ 25
Spermatozoa with head deformations [%]	≤ 5
Spermatozoa with acrosome abnormalities until 72 h of storage [%]	≤ 15
Spermatozoa with cytoplasmic droplets [%]	≤ 15*
Spermatozoa with bent tails [%]	≤ 15
Spermatozoa with other morphological abnormalities [%]	≤ 15

*In semen portions with a minimum number of 2 billion spermatozoa and a minimum of 75 % motile spermatozoa until 72 h of storage, this value may be up to 10 percentage points higher. Accordingly, the percentage of morphological abnormal spermatozoa increases to a maximum of 35 %.