

## Product Datasheet

### Butyrylcholinesterase (BCHE), Horse Serum 130-10

<b>Product Name</b>	Butyrylcholinesterase (BCHE), Horse Serum
<b>Catalog Number</b>	130-10
<b>Alternative Names</b>	BCHE, BuChE, PCHE, pseudocholinesterase, plasma cholinesterase, Acylcholine acyl-hydrolase, Choline esterase, butyryl
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Lyophilized White to pale, grey-green powder
<b>Concentration</b>	$\geq 0.1$ mg protein/mg ( $A_{280nm}$ , $E = 1.36$ )
<b>Storage</b>	-20°C
<b>Purity</b>	Highly Purified
<b>CAS Number</b>	2593716
<b>Source</b>	Equine Serum
<b>Shelf Life</b>	4 years
<b>Biological Activity</b>	$\geq 50$ U/mg (Siemens Dimension® Clinical Chemistry System)
<b>Specific Activity</b>	$\geq 300$ U/mg protein (Typically $> 900$ U/mg protein)
<b>Unit Definition</b>	A change of 0.2 milliabsorbance units (mA) per minute corresponds to pseudocholinesterase activity of 1 U/mL at 37 °C.