

## New England Biolabs Product Specification

*Product Name:* Trypsin-digested BSA MS Standard (CAM-modified)  
*Catalog #:* P8108S  
*Shelf Life:* 24 months  
*Storage Temp:* -20°C  
*Storage Conditions:* Supplied in dry format.  
*Specification Version:* PS-P8108S v2.0  
*Effective Date:* 01 Nov 2021

### Assay Name/Specification (minimum release criteria)

**Peptide Analysis (Mass Spectrometry)** - One hundred fmol of the digest solution is analyzed via LC-MS/MS instrumentation. Peptides are separated by a water/acetonitrile gradient, both solvents containing 0.1% formic acid. MS/MS spectra are acquired over the range of 400 to 1600 m/z. Based on a proteome database search, >40% sequence coverage of bovine serum albumin is observed.

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