

Catalog Number A23017
Product Name albumin from bovine serum (BSA), Texas Red™ conjugate
Appearance purple solid
Lot Number 2955417

Small variation in color is possible, but should not affect product performance.

	LOT DATA	SPECIFICATION
ABSORPTION		
Maximum	595 nm	596 ± 5 nm
Degree of Labeling ¹	3	2 – 5
FLUORESCENCE		
Emission Maximum	614 nm	615 ± 5 nm
Relative Quantum Yield ²	0.2	≥ 0.1
PURITY³		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an ϵ of 80,000 cm⁻¹M⁻¹ at the absorption maximum

2. Quantum yield determined relative to sulforhodamine 101

3. Solvent: 70% chloroform/25% methanol/5% acetic acid



Zach Luedtke, Quality Assurance Manager
 25-Oct-2024

Life Technologies Corporation certifies on the date above that this is an accurate record of the analysis of the subject lot, and that the data conform to the specifications in effect for this product at the time of analysis.
 Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.