

Power Broth™ and Power Prime Broth™

Power Broth™ and Power Prime Broth™ are proprietary media formulations developed by AthenaES™ for improved expression of recombinant proteins in *E. coli*. Power Prime Broth™ is made without animal-derived raw materials and is *APF Certified*. These media are composed of a complex, rich mixture of amino acids, vitamins, and a carbon source at higher levels than Terrific Broth. The media are buffered at pH 6.8±0.2. For expression of recombinant proteins, induction should be done at cell densities three times that of LB Broth. Cell yields are typically 3 to 4 times that of LB Broth in shake flask cultures depending on the characteristics of the strain. Several reports suggest that Power Broth™ and Power Prime Broth™ can increase the amount of soluble protein accumulated for otherwise insoluble proteins. This medium is suitable as the base for fermentation cultures. Biomass yields will depend on the process and the strain employed.

Power Broth™	Powder	0106	500 g
	Liquid, Ready-to-Use	0117	5 x 500 ml
Power Prime Broth™	Powder	0112	500 g
	Liquid, Ready-to-Use	0122	5 x 500 ml