

BostonBio Cost Structure Confirmation
Client: Better Dairy with special Equipment&Facility rate approval
1. Research Phase: 2 sets of 4x1.5L Fermentations with Chromatography Testing

Item	Cost (USD)	Notes
Fermentation (2 sets of 4x1.5L)	\$ 26,626.42	
Chromatography (4 conditions)	\$ 19,246.52	
Subtotal	\$ 45,872.95	

2. Validation Phase: 2x15L Fermentations with DSP and Spray Drying

Item	Cost (USD)	Notes
Fermentation (2x15L)	\$ 24,668.36	
Centrifuge/Filtration	\$ 3,386.45	
TFF	\$ 6,811.62	
Chromatography	\$ 9,623.26	
Spray Drying	\$ 7,535.53	
Subtotal	\$ 52,025.21	

3. Production Phase: 5x500L Pilot Runs with Full DSP and Lyophilization

Item	Cost (USD)	Notes
Fermentation (5x500L)	\$ 144,674.03	
Centrifuge/Filtration	\$ 28,055.83	
TFF	\$ 36,368.62	
Chromatography	\$ 51,787.19	
Lyophilization	\$ 38,635.32	
Subtotal	\$ 299,520.99	

4. Analytical Testing (Microbiological and Metal Testing)

Item	Cost (USD)	Notes
External testing services	\$ 12,500.00	
Handling fee (10%)	\$ 1,250.00	
Subtotal	\$ 13,750.00	

Total Project Cost

Phase	Cost (USD)	Notes
1. Research Phase	\$ 45,872.95	
2. Validation Phase	\$ 52,025.21	
3. Production Phase	\$ 299,520.99	
4. Analytical Testing	\$ 13,750.00	
Grand Total USD	\$ 411,169.14	
Grand Total GBP	£ 304,569.74	