PRODUCT SPECIFICATION SHEET

Coomassie Blue R-250 Stain

Catalog Number: C002-1000 **Size:** 1000 mL **Form:** Liquid, ready-to-use

1. Product Description

CELLPICK Coomassie Blue R-250 Stain is a traditional, high-performance staining solution formulated for clear and sharp protein visualization in polyacrylamide gels. The pre-mixed solution containing 50% methanol and 10% acetic acid ensures excellent reproducibility and consistent staining intensity across batches.

This ready-to-use formulation provides sharp, distinct protein bands with high optical contrast, making it a cost-effective and reliable choice for routine protein electrophoresis workflows.

2. Specifications

Composition	50% Methanol, 0.1% Coomassie blue R-250, 10% Acetic acid
Form	Liquid, ready-to-use
Appearance	Deep blue liquid
Storage Conditions	2–8°C (Refrigerated)

3. Recommended Applications & Usage

This product is widely utilized for standard analytical protein separation and verification. Key applications include standard SDS-PAGE and native PAGE protein detection, as well as routine protein gel analysis in educational and industrial research laboratories.

Usage: Stain the gel with gentle agitation for 4 hours to overnight. Following the staining process, wash the gel with an appropriate destaining solution (e.g., a mixture of methanol, acetic acid, and water) until protein bands are clearly visible against a clear background.

4. Ordering Information

Catalog Number	Product Name	Packaging Unit
C002-1000	Coomassie Blue R-250 Stain	1000 mL