

TLC Plates

Thin Layer Chromatography Plates

Cat No. BTP-9925

Thin Layer Chromatography (TLC) Plates is used in quality control or research laboratories for qualitative and quantitative analysis including identification of ingredients, screening and reaction monitoring.

Advantages

- **Easy-to-use and cost-effective**
- **Easily cut:** The aluminum-backed TLC Plates can be easily cut open with scissors.
- **Fair separation effect:** The plate is developed to achieve separated and small spots for series analysis.
- **Short time duration:** The separation time is short, and more than 5 groups can be separated per minute.
- **High sensitivity:** The spots are clear, no spreading and no trailing

Broad Range of Applications

- **Bio/chemical Analysis** such as separation or isolation of (bio) chemical metabolites from blood plasma, urine, body fluids, serum, etc, substance purity identification
- **Food/ Cosmetic industry** for quality control (Q.C.) process
- **Pharmaceutical Industry** for stability studies, identifying drugs in body fluids, identifying drug residues in food, metabolic profile of drugs, monitoring the purity of drugs
- **Environmental analysis** for detection of pesticides or other pollutants in food or water
- **Sample preparation/ Pre-screening prior to HPLC and other analytical methods**
- **Combination with mass spectrometry**

