

COMPARISION BETWEEN HPTLC AND HPLC

Sr.no.	HPTLC	HPLC
1	High Performance Thin Layer Chromatography	High Performance Liquid Chromatography
2	Planar Chromatography	Column Chromatography
3	Principle based on Adsorption Chromatography	Principle is based on Adsorption and Partition Chromatography
4	Simultaneous method for test as well as reference material	Not simultaneous method for test as well as reference material
5	It is simple, rapid, reproducible method	It is Tedious method
6	Sample preparation is simple	Sample preparation is complex
7	Limited Flexibility	Extreme Flexibility
8	Semiautomatic Technique	Automatic (Instrumental) Technique
9	Determination of Surface Area	Determination of Retention Time