

Ordering information – HPTLC RP-modified silica gel 60, glass backed

Product	Ordering No.	Format [cm]	Contents of one package
HPTLC silica gel 60 RP-2 F _{254s}	1.13726.0001	10 x 10	25 plates
HPTLC silica gel 60 RP-8 F _{254s}	1.13725.0001	10 x 10	25 plates
HPTLC silica gel 60 RP-18	1.05914.0001	20 x 10	25 plates
HPTLC silica gel 60 RP-18 W	1.14296.0001	20 x 10	25 plates
HPTLC silica gel 60 RP-18 F _{254s}	1.13724.0001	10 x 10	25 plates
HPTLC silica gel 60 RP-18 F ₂₅₄	1.16225.0001	10 x 20	50 plates
HPTLC silica gel 60 RP-18 W	1.13124.0001	10 x 10	25 plates

F₂₅₄: Green fluorescent indicator | F_{254s}: Blue fluorescent indicator | Layer thickness: 200 µm | W: Fully wetttable with water (can be used even with 100 % water in solvent system)

Separation of gallic acid and esters on HPTLC silica RP-18 WF₂₅₄

Sample	1. Dodecyl gallate 2. Butyl gallate 3. Ethyl gallate 4. Methyl gallate 5. Gallic acid
Sample volume	200 nl
Mobile phase	1 N acetic acid / methanol (70+30)
Migration distance	5 cm
Detection	UV 265 nm (TLC/HPTLC Scanner, Camag)



RP-modified silica plates are especially suited for the analysis of basic or acids substances as demonstrated by the good separation of gallic acid and its esters on HPTLC silica RP-18 WF₂₅₄.