

Separation of plant pigments

Plate	HPTLC Silica gel 60 with concentrating zone, 20x10cm (P/N 1. 13749, alt P/N 1. 13748)
Mobile phase (v/v)	100ml petroleum ethe / 11ml isopropanol / 5 drops water
Migration distance	5 cm
Application volume	2 μ L
Sample preparation	Milling leafs in a motar with acetone
Chamber	Normal chamber without chamber saturation
Detection	Detection white light



Chromatographic data

No.	Compounds	Solvent
1 to 5	leafs	
	carotenes	acetone
	pheophytin	
	chlorophyll a	
	chlorophyll b	
	lutein	
	violaxanthin	
	neoxanthin	