



# Certificate of Analysis

Catalog Number: P01xxx, P02xxx, P11xxx, P21xxx, P31xxx, P32xxx, P41xxx, P42xxx

Description: Thin layer chromatography plate; silica gel G & GF, silica gel GHL & GHLF

Batch Number: 20620 through 21220

Test Name	Batch Analysis	Specification min - max / units
<b>Thickness</b>		
P02521	181 ± 8	150 - 305 / microns
P02012	485 ± 28	381 - 550 / microns
P02013	814 ± 66	700 - 1100 / microns
P02015	1800 ± 279	1400 - 2200 / microns
<b>Hardness</b>		
P02521	34 ± 6	20 - none / strokes
<b>Migration Speed, 10cm / toluene</b>		
P02521	14.5	11 - 22 / minutes
<b>Separation 30-04</b>		
Fat Red 7B	.67	.60 - .75 /
Sudan Green	.40	.30 - .45 /
Sudan II, comp. B	.30	.20 - .35 /
Sudan Blue	.18	.10 - .25 /
<b>UV254</b>		
P02xxx	passes	passes test

Plates tested: P02521, P02012, P02013, P02015