



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: 03621 through 04221

| Test Name | Batch Analysis | Specification min - max / units |
|--|----------------|------------------------------------|
| Thickness | | |
| P02521 | 193 ± 10 | 150 - 305 / microns |
| P21521 | 182 ± 31 | 150 - 305 / microns |
| P02012 | 478 ± 9 | 381 - 550 / microns |
| P02013 | 798 ± 57 | 700 - 1100 / microns |
| P02014 | 1369 ± 28 | 1067 - 1650 / microns |
| P02015 | 2158 ± 143 | 1400 - 2200 / microns |
| Hardness | | |
| P02521 | 34 ± 6 | 20 - none / strokes |
| Migration Speed, 10cm / toluene | | |
| P02521 | 17.0 | 11 - 22 / minutes |
| Separation 30-04 | | |
| Fat Red 7B | .64 | .60 - .75 / |
| Sudan Green | .30 | .30 - .45 / |
| Sudan II, comp. B | .21 | .20 - .35 / |
| Sudan Blue | .12 | .10 - .25 / |
| UV254 | | |
| P02xxx | passes | passes test |

Plates tested: P02521, P02012, P02013, P02014, P02015, P21521