

Florisol®

100-200 Mesh

DESCRIPTION

Florisol® is a highly selective adsorbent which has found extensive use in preparative and analytical chromatography. This adsorbent is unique because it is an extremely white, hard granular or powdered magnesia-silica gel. Frequently referred to as a magnesium silicate, Florisol® is manufactured by Floridin Company.

APPLICATIONS

Florisol® has become widely accepted in the field of chromatography for the separation and isolation of a variety of compounds.

Some of its principal applications are:

- General Column Chromatography
- Isolation of steroids, sex hormones and related compounds
- Cleanup of pesticide residues
- Isolation of antibiotics
- Separation of lipids
- Isolation of alkaloids
- Separation of nitrogen compounds from hydrocarbons
- Purification of pharmaceuticals
- Separation of aromatic compounds from aliphatic-aromatic mixtures
- Assay of vitamins
- Liquid partition chromatography
- Decolorization of oils, fats and waxes by percolation or contact treatment
- Use as a catalytic agent
- Thin layer chromatography

Table 1

Chemical Composition	
MgO	15.5 ± 0.5%
SiO ₂	84.0 ± 0.05%
Na ₂ SO ₄	0.5% avg (1.0% max)

Table 2

Typical Physical Properties	
Color	White
pH	8.5
Surface Area, M ² /g (BET Method)	298
Specific Gravity	2.51
Surface Acidity, pKa	approx. 1.5
Voids, %	26
Pores, %	56
Bulk Density	29 lbs./cu. ft.

ORDERING INFORMATION

Cat. #	Description	Sizes
25089	Florisol® 100-200 Mesh	500g, 1kg, 20kg

Order online anytime at www.polysciences.com

TO ORDER

In The U.S. Call:	1(800) 523-2575 • (215) 343-6484
In The U.S. Fax:	1(800) 343-3291 • (215) 343-0214
In Germany Call:	+(49) 6221-765767
In Germany Fax:	+(49) 6221-764620