

# ZEOPHARM® 5170

## Precipitated Silicon Dioxide, NF Grade

### Characteristic physico-chemical data\*

Properties and test methods	Unit	Value
Median particle size	µm	250
Linseed oil absorption	ml/100g	160
Loss on drying	%	5
pH value, 5 % in water	-	7
Bulk density	kg/m <sup>3</sup>	330

\*) The given data are typical values. Specifications on request.

### Certifications and Classifications

#### ZEOPHARM® 5170

CAS-No.	112926-00-8 resp. 7631-86-9
	<ul style="list-style-type: none"> <li>• Meets USP NF for Dental Type Silica</li> <li>• Certified as Kosher, Pareve, Kosher for Passover, and Halal</li> </ul>

ZEOPHARM® 5170 Silicon Dioxide has a high absorptive capacity. ZEOPHARM® 5170 Silicon Dioxide can convert liquid Active Pharmaceutical Ingredients (APIs), vitamins or dietary supplements into free flowing powders that can be further processed into tablets or capsules. ZEOPHARM® 5170 Silicon Dioxide remains free flowing after the addition of greater than 60% (wt/wt) liquids.

### Properties and applications

- Inert pharmaceutical excipient
- Readily converts liquids into free flowing dry powders
- Can absorb greater than 60% (wt/wt) of liquids and remain free flowing
- Liquids absorbed can then be made into tablets or capsules
- Ideal for absorbing vitamins A,D, E, and K, simethicone, and liquid APIs

### Safety and Handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. We recommend to read carefully the Safety Data Sheet prior to the use of our product.

### Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content.

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