

# Acid Washed Beads

## Grinding Beads for Disrupting Yeast, Molds, and Bacteria

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### Sample Preparation Products

#### Description

Untreated beads are contaminated with broken beads, dust, insects, and microbes. Untreated beads are typically used for sandblasting or other abrasive treatments. Beads need to be cleaned and OPS saves researchers the trouble of washing grinding media by providing acid washed beads. Washing with dilute acid removes heavy metals in addition to soluble contaminants. Beads are oven dried prior to bottling.



<u>Acid Washed (bottles)</u>	<u>Product Number</u>	<u>Price</u>
100 µm Silica Beads, 200 gm	OP-BAWG 100-200-10	\$88
100 µm Zirconium Beads, 250 gm	OP-BAWZ 100-250-15	\$140
200 µm Zirconium Beads, 250 gm	OP-BAWZ 200-250-07	\$140
400 µm Silica Beads, 200 gm	OP-BAWG 400-200-04	\$88
800 µm Silica Beads, 200 gm	OP-BAWG 800-200-01	\$88

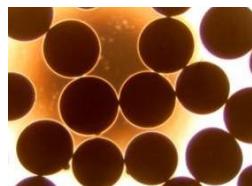
<u>Acid Washed (pre-filled tubes)</u>	<u>Product Number</u>	<u>Price</u>
100 µm Silica Beads (100 tubes)	OP-PFAW 100-100-01	\$103
100 µm Zirconium Beads (100 tubes)	OP-PFAW 100-100-02	\$103
200 µm Zirconium Beads (100 tubes)	OP-PFAW 200-100-03	\$103
400 µm Silica Beads (100 tubes)	OP-PFAW 400-100-04	\$103
800 µm Silica Beads (100 tubes)	OP-PFAW 800-100-05	\$103

#### Benefits

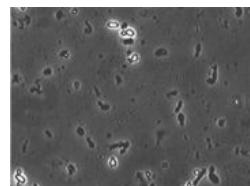
- ❖ Acid washed beads are ready-to-use and void of contaminants present in untreated beads
- ❖ Manufactured using a standard process which generates consistent batches
- ❖ Available in bulk bottles and as pre-filled tubes
- ❖ Decontaminated and suitable for microbiological applications



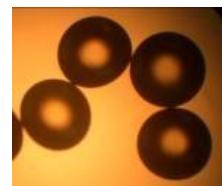
Available in pre-filled tubes!



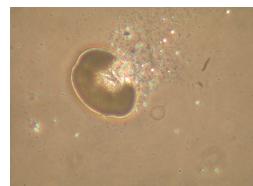
Solid Zirconium Beads (100X)



Yeast ghosts from disruption with 400 µm Silica Beads (200X)



Translucent Silica Beads (100X)



Pollen cracked with 800 µm Silica Beads (100X)