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MORTAR AND PESTLE (PORCELAIN) AZA1083

The AZA1083 Porcelain Mortar and Pestle from AZALAB is a high-quality laboratory tool designed for efficient grinding, crushing, and homogenization of solid substances. Widely used in chemical, pharmaceutical, analytical, and educational laboratories, it provides precise manual control for sample preparation tasks.

Manufactured from high-fired laboratory-grade porcelain, AZA1083 offers excellent chemical resistance, mechanical strength, and abrasion durability. Its unglazed grinding surface enhances friction for effective pulverization, while the glazed exterior ensures easy cleaning and contamination resistance.

Key Features

High-Grade Porcelain Construction

- Chemically inert, non-toxic, and resistant to acids, alkalis, and solvents.

Optimized Grinding Surface

- Unglazed interior and pestle tip provide superior friction for efficient material breakdown.

Glazed Exterior Finish

- Prevents staining, contamination, and sample absorption while ensuring easy cleaning.

Robust & Durable Design

- Thick-walled structure resists cracking under repeated mechanical stress.





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1083
Material	High-Fired Laboratory Porcelain
Mortar Surface	Unglazed Interior / Glazed Exterior
Pestle Surface	Unglazed Grinding Tip
Capacity Options	30 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1 L
Chemical Resistance	High (Acids, Alkalis, Solvents)
Temperature Resistance	Up to ~1050°C
Standard Compliance	ISO 4791-1:2023
Applications	Grinding, Crushing, Mixing

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