



BORON-11 ENRICHED BORIC ACID (H₃¹¹BO₃)

Boron-11 Boric Acid (H₃¹¹BO₃) is a form of stable isotope of Boron-11. It is enriched from naturally occurring abundance up to 99.5 at%. Boric-11 Acid is one of stable isotopes produced by our company for semiconductor industry and for other applications.

We offer secure supply, consistent product quality and the ability to custom engineer products for your unique applications. Our team are experts at solving materials-related problems in the demanding from nuclear to semiconductor industries.

Typical and custom packaging is available. Fiber drum, protected by vapor barrier bag. Certificate of Analysis provided with each shipment. Specific enrichments, chemical purities and particle sizes are available to meet special requirements.

¹¹B Enriched Boric Acid is enriched in the ¹¹B isotope up to 99.5 at% and include accepted quality standards of the nuclear industry worldwide. We offer material customization for individual reactor conditions.

Boron-11 Enriched Boric Acid Properties	
Compound Formula	H ₃ ¹¹ BO ₃
CAS Number	13813-78-0
Enrichment	99.5% atomic
Chemical Purity	≥ 99 wt.%
Molecular Weight	62.03 @ 99% ¹⁰ B
Monoisotopic Mass	62.017524
Appearance	White crystalline powder
Boiling Point	3500 ° C
Density	1.437 g/cm ³
IUPAC Name	trihydroxy borane

Packaging

Typical and custom packaging is available. Fiber drum, protected by vapor barrier bag. Certificate of Analysis provided with each shipment. Specific enrichments, chemical purities and particle sizes are available to meet special requirements.

Storage, Handling and Safety

Keep container tightly closed. Store away from heat. See product Safety Data Sheet (SDS) for additional information. Do not handle until all safety precautions have been read and understood.

