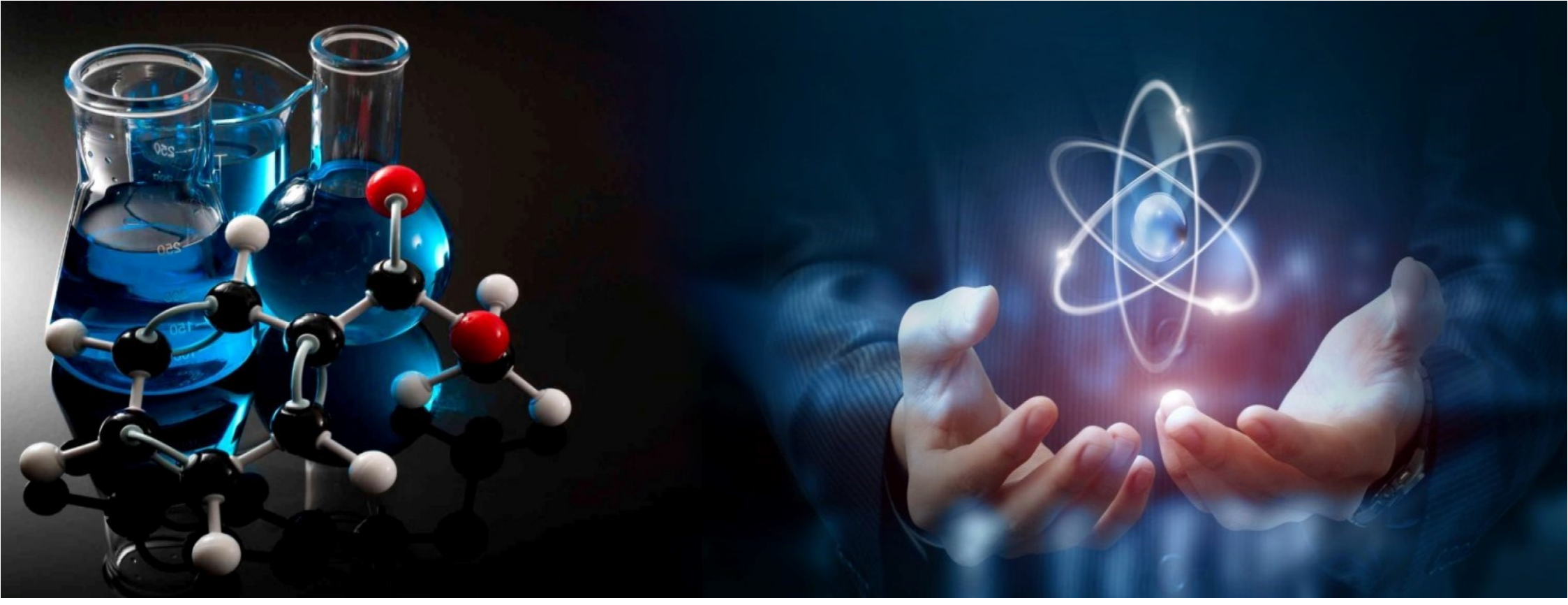

BORON-10 ENRICHED BORIC ACID ($H_3{}^{10}BO_3$)

Boron-10 Boric Acid ($H_3{}^{10}BO_3$) is a common form of stable isotope of Boron-10. It is enriched from naturally occurring abundance up to 95 at%. Boric-10 Acid is one of stable isotopes produced by our company for nuclear power generation, medical treatments and as target materials 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.

^{10}B Enriched Boric Acid is enriched in the ^{10}B isotope up to 95 at% and is an extremely proficient neutron absorber and include accepted quality standards of the nuclear industry worldwide. We offer material customization for individual reactor conditions.

Boron-10 Enriched Boric Acid Properties	
Compound Formula	$H_3{}^{10}BO_3$
CAS Number	13813-79-1
Enrichment	Up to 95% atomic
Chemical Purity	≥ 99.5 wt.%
Molecular Weight	61.045 @ 99% ^{10}B
Monoisotopic Mass	61.021156
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.