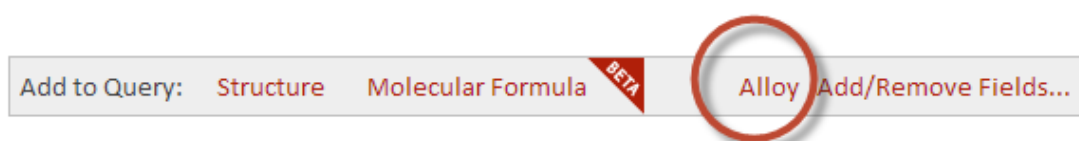
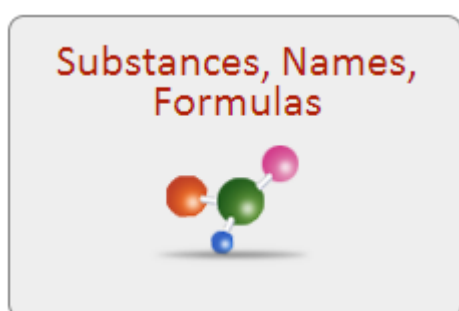


❖ Alloy Searching

I would like to find property data for borate glass with the CaO and Eu₂O₃ components in weight percent.



The Alloy Query Builder can be used to search for alloys, glasses, and ceramics.

Select the **Substances, Names, and Formulas** theme. Click the **Alloy** link at the bottom of the **Query** page.

The Alloy Query Builder is displayed. Type the components into the box.

You can type in a number or a range value for any of the components, or you can leave the percentage column blank.

Check the box for **Additional Components** to broaden your search.

Select **Atomic**, **Weight**, **Volume**, or **Unspecified** as the percentage type.

Component Formula	Percentage
B ₂ O ₃	Number or range: 20 or 20-40
CaO	10-20
Eu ₂ O ₃	


Percentage Type: Weight ▼ Additional Components ☒

Atomic
Weight
Volume
Unspecified

Click Search Substances.

[Search Substances](#)

Results

<p>germanium(IV) oxide (23.185 weight percent)</p> <p>GeO₂</p> <p></p> <p>Synthesize</p>	<p>BaO (28.891 weight percent)</p> <p>BaO</p> <p></p> <p>Synthesize</p>	<p>CaO (10.566 weight percent)</p> <p>CaO</p> <p></p> <p>Synthesize</p>
<p>diboron trioxide (23.15 weight percent)</p> <p>B₂O₃</p> <p></p> <p>Synthesize</p>	<p>sodium mono-oxide (10.304 weight percent)</p> <p>Na₂O</p> <p></p> <p>Synthesize</p>	<p>Eu₂O₃ (3.904 weight percent)</p> <p>Eu₂O₃</p> <p></p> <p>Synthesize</p>