

# Introduction to myDALITE

- 1) Getting Started, go to [page 2](#)
- 2) For information on 'Groups', go to [page 7](#)
- 3) For information on 'Assignments', go to [page 9](#)
- 4) For information on 'Questions' and database searches, go to [page 13](#)

For more information, go to  and search '**myDALITE tutorial**'

# Getting Started

myDALITE can be viewed in English or in French

## Login

[Forgot password](#) | [Sign up](#)

Student access

**LOGIN**

Teacher and guest access

Please login to access this page.

Username\*

Password\*

**SUBMIT**

Click here to view the  
website in French



# Getting Started

This is the landing page once you login to your account.

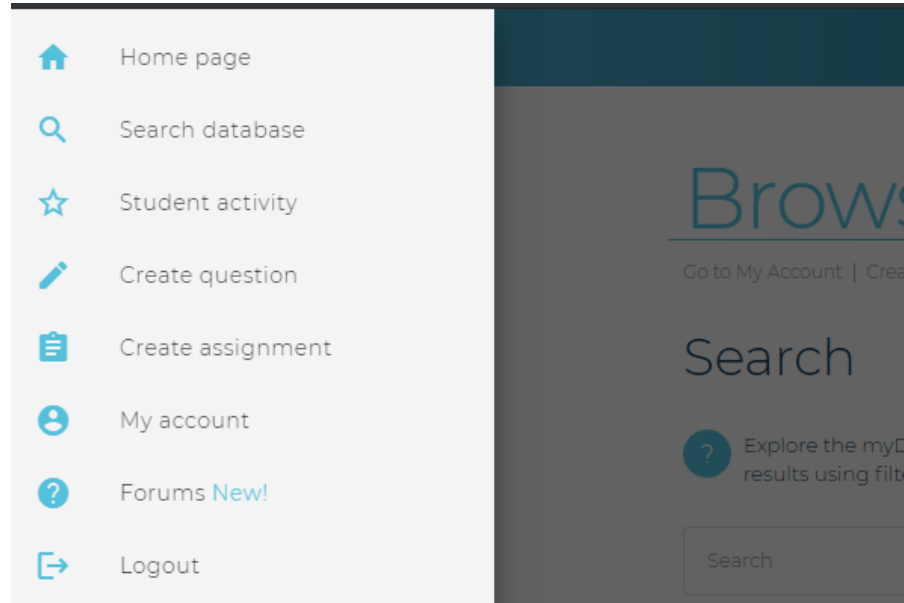
The screenshot shows the 'Browse Database' page of the myDALITE application. The page has a teal header with a menu icon (three horizontal lines) on the left and the 'myDALITE' logo on the right. Below the header, the main content area is titled 'Browse Database' and contains a navigation bar with 'Go to My Account' and 'Create an assignment' links. A search section follows, featuring a search input field and a description: 'Explore the myDalite database for questions using a keyword search. You will be able to refine your search results using filters on discipline and category.' Below the search field, there is a note: 'The search engine checks question texts for each keyword as well as the complete phrase. You can also search on username to find all content from a certain contributor.' At the bottom of the search section, there are two checkboxes: 'Show images' and 'Show answers', both of which are currently unchecked. Blue circles and arrows are used as annotations: one circle around the menu icon with an arrow pointing to the text 'Click here for menu options'; another circle around the 'myDALITE' logo with an arrow pointing to the text 'Click here from anywhere to come back to this 'Browse Database' page.'; and a third circle around the 'Go to My Account | Create an assignment' navigation bar with an arrow pointing to the text 'Alternatively, click here to access 'My Account' or 'Create an assignment' directly.'

Click here for menu options

Click here from anywhere to come back to this 'Browse Database' page.

Alternatively, click here to access 'My Account' or 'Create an assignment' directly.

# Menu Options



- **'Search database'** - brings you back to the 'Browse Database' page where you can search for questions.
- **'Create assignment'** – an assignment is a collection of questions.
- **'My Account'** - where you can access your groups, assignments that you are following, questions you've created, Blink scripts and your profile information.
- **'Forums'** - where you can find help and support. You may also create your own posts to share with the myDALITE community!

# Overview of 'My Account'

## My Account

These are the key features that are used in myDALITE. They are needed to generate assignments, with multiple choice type questions, for your students.

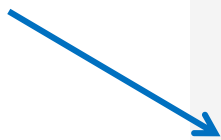
- > Groups
- > Assignments
- > Questions
- > Blink scripts
- > Identity

Blink scripts is an online polling tool that can be used in class.  
See the document '*Help for myDALITE Blink*'.

Information on your profile. Certain details can be edited.

# Identity



Before you do any database searches, verify that your profile information is accurate.





## My Account

- > Groups
- > Assignments
- > Questions
- > Blink scripts
- ✓ Identity



---

 **cleung**  
Email: cleung@dawsoncollege.qc.ca  
Member since: Aug. 27, 2017, 1:38 a.m. 



---

 **Chemistry**  
Discipline 



---

 **Dawson College**  
Institution 

---

 **Terms of service: Sharing**  
Signed: Sept. 11, 2018, 1:30 p.m. 

---

 **Email settings**  
Notifications: 

These can be edited. Ensure that your **discipline** is specified because myDALITE will automatically filter by discipline when searching for questions in the database.

# Groups

Groups that you are following are shown under 'My Account'.

**My Account**

Groups  
Manage groups | Homework list

	<b>Secondary V Chemistry W2019</b> Created: Feb. 20, 2019 Students: 69		
	<b>Tutorial_01</b> Created: Feb. 11, 2019 Students: 2		
	<b>General Chemistry F2019 Sec 29</b> Created: Jan. 14, 2019 Students: 17		
	<b>General Chemistry F2018 Sec 17...</b> Created: Jan. 14, 2019 Students: 24		

Assignments

Questions

Blink scripts

Identity

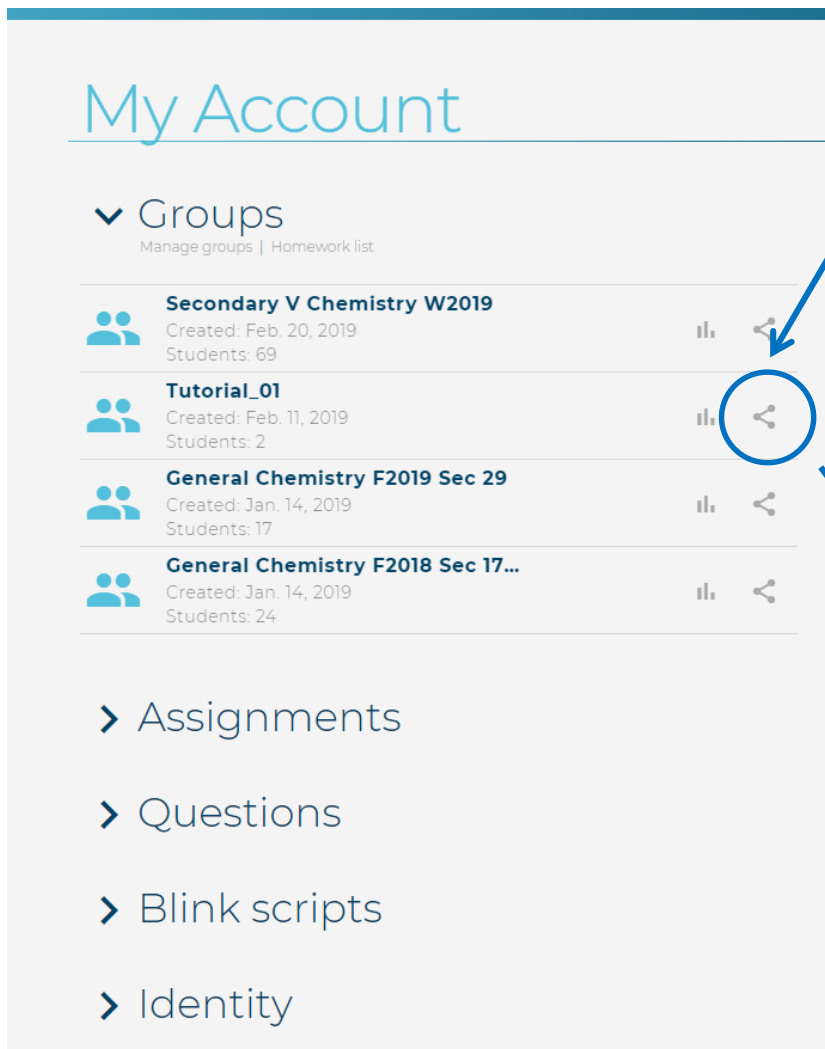
This icon will generate an Excel file that gives a summary of:

- students (as email addresses) in the group.
- how many questions were completed and how many were correct for each student.
- all assignments that were assigned to the group.

Only available for the stand-alone version of myDALITE.

# Groups

Groups that you are following are shown under 'My Account'.



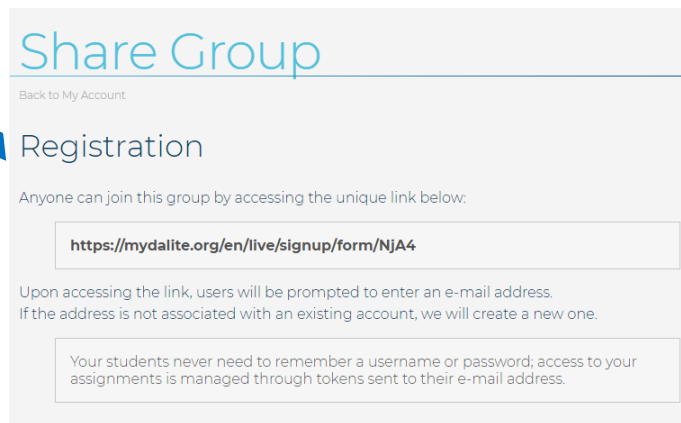
The screenshot shows the 'My Account' page with a 'Groups' section. The groups listed are:

- Secondary V Chemistry W2019**  
Created: Feb. 20, 2019  
Students: 69
- Tutorial\_01**  
Created: Feb. 11, 2019  
Students: 2
- General Chemistry F2019 Sec 29**  
Created: Jan. 14, 2019  
Students: 17
- General Chemistry F2018 Sec 17...**  
Created: Jan. 14, 2019  
Students: 24

Below the groups list are navigation links: Assignments, Questions, Blink scripts, and Identity.

Click here to obtain a link which can be sent to anyone who would like to join the group.

Can only be used in the stand-alone version of myDALITE.



The screenshot shows the 'Share Group' page with the following content:

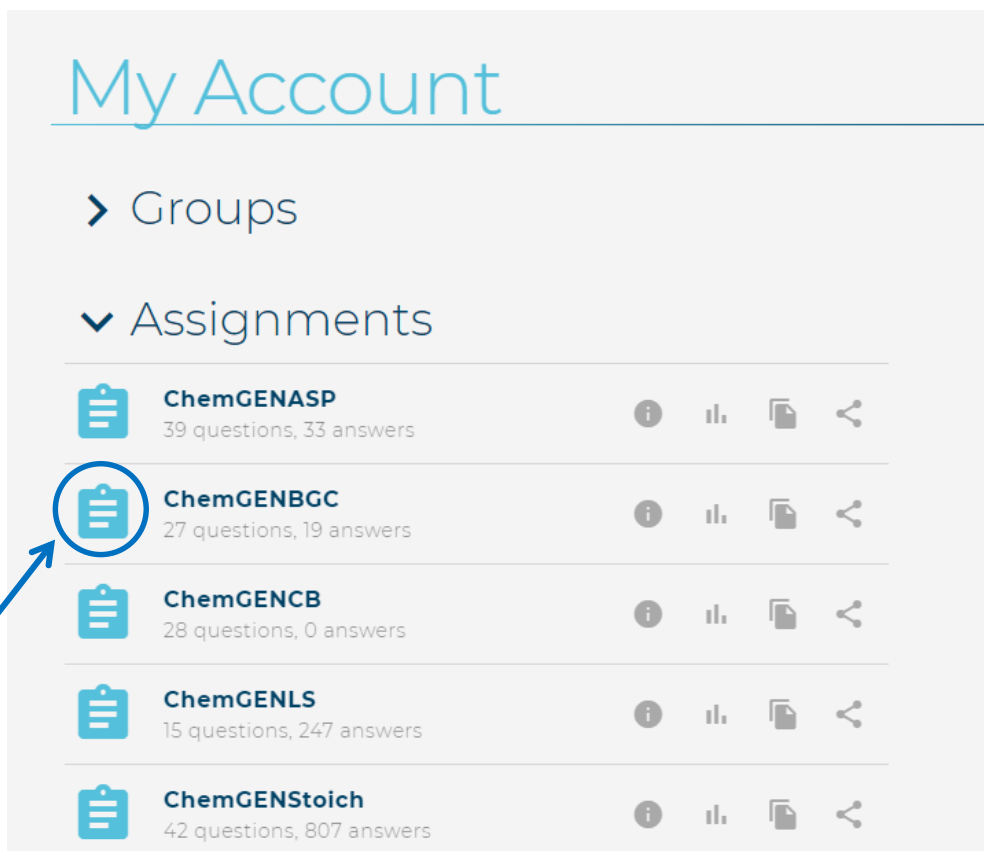
- Back to My Account
- Registration
- Anyone can join this group by accessing the unique link below:
- <https://mydalite.org/en/live/signup/form/NJA4>
- Upon accessing the link, users will be prompted to enter an e-mail address. If the address is not associated with an existing account, we will create a new one.
- Your students never need to remember a username or password; access to your assignments is managed through tokens sent to their e-mail address.

For more information on Groups, see the document '*Help for Managing Groups in myDALITE*' in the Forum.



# Assignments


























Assignments that you are following (your own or by other authors) are shown under 'My Account'.



**My Account**

> Groups

▼ Assignments

	<b>ChemGENASP</b> 39 questions, 33 answers				
	<b>ChemGENBGC</b> 27 questions, 19 answers				
	<b>ChemGENCB</b> 28 questions, 0 answers				
	<b>ChemGENLS</b> 15 questions, 247 answers				
	<b>ChemGENStoich</b> 42 questions, 807 answers				

Click on the clipboard to see the full list of questions, the analytics and student responses.

# Assignments

When you click on a clipboard to see the list of questions, you should see:

**ChemGEN - Bonding General Concepts** } Assignment title

Questions

**ChemGENBGC - Q25**  
It is possible to make octet-rule-obeying species with the general formula  $AF_4^{(z)}$ , where  $z$  is the charge (possibly 0) and A = boron, carbon or nitrogen. Which species has an overall charge smaller than 0 and is this species polar or non-polar?  
Discipline: Chemistry  
Categories: General Chemistry, Polarity, Dipoles, VSEPR, Octet Rule  
Student answers: 33

**ChemGENBGC - Q1**  
Between  $SeF_4$  and  $SF_5^-$ , which one has a dipole moment?  
Discipline: Chemistry  
Categories: General Chemistry, Polarity, Electronegativity, Dipoles, VSEPR  
Student answers: 107

**ChemGENBGC - Q2**  
Between  $PF_3Cl_2$  and  $PCl_3F_2$ , which one has a dipole moment?  
Discipline: Chemistry  
Categories: General Chemistry, Dipoles, VSEPR  
Student answers: 49

All the questions in your assign. should be displayed here

Click here to see the assignment names in which the question has been used.

Click here to see a list of all the student rationales.

Click here to see the full question.

# Assignments

## ChemGENTCR - Q8

A solution contains the ions  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{S}^{2-}$ . Assuming you filter the precipitate out after each addition, in what order should you add the following solutions to only precipitate one anion at a time?

Discipline: Chemistry

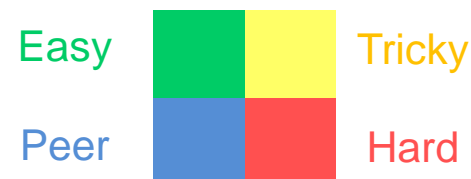
Categories: General Chemistry, Ion, Chemical Reactions, Precipitation, Selective Precipitation

Student answers: 70



Click here to see the analytics for the question.

## Categories



Easy – right, right

Hard – wrong, wrong

Peer – wrong, right

Tricky – right, wrong

## ChemGENTCR - Q8

A solution contains the ions  $\text{Cl}^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{S}^{2-}$ . Assuming you filter the precipitate out after each addition, in what order should you add the following solutions to only precipitate one anion at a time?

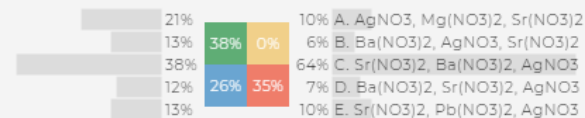
Discipline: Chemistry

Categories: General Chemistry, Ion, Chemical Reactions, Precipitation, Selective Precipitation

Student answers: 70



## Analytics



Student results  
before reading  
peer rationales

Student results  
after reading  
peer rationales

Sometimes an 'easy' question is not necessarily easy. This question was marked easy, because the highest percent value fell in the easy category.

We recommend you take a closer look at the analytics to truly see the level of difficulty for the question.

# Assignments

## My Account

> Groups

✓ Assignments



**ChemORGSPA**

38 questions, 37 answers



**ChemORGSTE**

57 questions, 148 answers



**ChemORGYNE**

27 questions, 105 answers



**CL\_ChemORG\_NucSub**

33 questions, 0 answers



**CL\_SecVchem\_Topic\_2\_ChemRx...**

2 questions, 76 answers



Information you need to set up questions in your LMS (e.g. Moodle)

Once students have answered a question, you can generate a report of the results by clicking on this icon.

Click here to create a copy of the assignment. You will have to provide a new name for the duplicated assignment.

Click here to edit your assignment. This can only be done if students have not answered any of the questions.

This will allow you to distribute the assignment to your students.

For more information on Assignments, see the document '*Help for Creating and Modifying myDALITE Assignments*' in the Forum.

# Questions

'My Account' will display questions that you are the author of.

**My Account**

- > Groups
- > Assignments
- ▼ Questions  
Create new Hide deleted

**My questions**

2230: Chem ED Acids and Bases...	Last modified: March 16, 2019, 1:14 a.m.	🗑️ ✎️
2229: Chem ED Acids and Bases...	Last modified: March 16, 2019, 1:14 a.m.	🗑️ ✎️
2228: Chem ED Acids and Bases...	Last modified: March 28, 2019, 8:59 a.m.	🗑️ ✎️
2227: Chem ED Acids and Bases...	Last modified: March 16, 2019, 12:32 a.m.	🗑️ ✎️
2226: Chem ED Acids and Bases...	Last modified: March 16, 2019, 12:38 a.m.	🗑️ ✎️
2224: Chem ED Acids and Bases...	Last modified: March 16, 2019, 1:14 a.m.	🗑️ ✎️
2187: Chem ED Stoichiometry Q...	Last modified: March 11, 2019, 12:34 a.m.	🗑️ ✎️

Click here to 'delete' a question from your list (useful if the list gets too long). The question will **not** be deleted from the database, nor will it affect any assignments that contains the question. To delete is to hide the question.

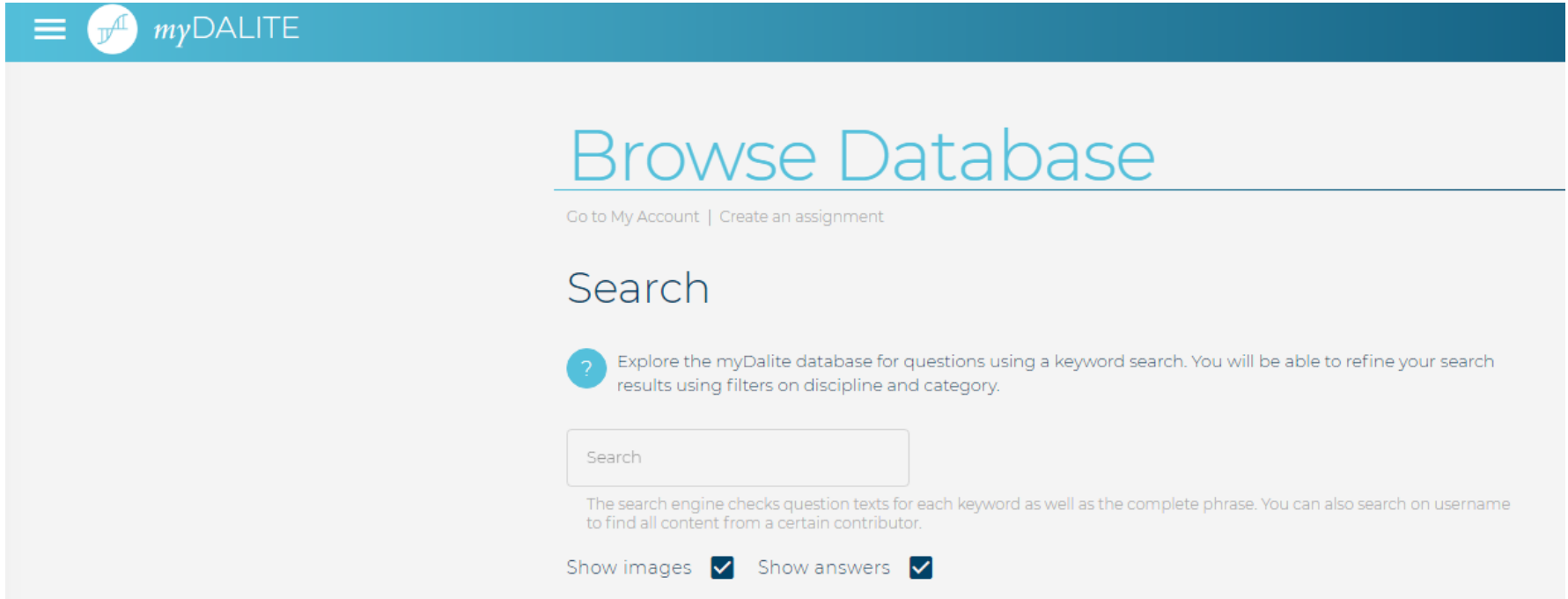
This is a 'deleted' question. The question will not appear on the list if you click on 'Hide deleted'. To put the question back on the list, click on 'Show deleted' and then click on the icon to 'undelete' it.

You can edit a question if it has not been answered by a student. Otherwise, you will be given the option to 'clone' the question and make whatever changes to suit your needs.

For more information on Questions, see the document '*Help for Creating myDALITE Questions*' in the Forum.

# Searching for Questions

To get started, click on 'Search Database' in the main menu, or on the 'myDALITE icon' along the top left side of the website.



The screenshot shows the myDALITE website interface. At the top left, there is a teal header with a hamburger menu icon, a circular logo containing a stylized 'd' and 'l', and the text 'myDALITE'. Below the header, the main content area has a light gray background. The title 'Browse Database' is displayed in a large, teal font. Underneath the title, there are two links: 'Go to My Account' and 'Create an assignment'. The word 'Search' is prominently displayed in a large, teal font. Below this, there is a teal circular icon with a white question mark, followed by a paragraph of text: 'Explore the myDalite database for questions using a keyword search. You will be able to refine your search results using filters on discipline and category.' A search input box with the placeholder text 'Search' is positioned below the text. Underneath the search box, a smaller line of text reads: 'The search engine checks question texts for each keyword as well as the complete phrase. You can also search on username to find all content from a certain contributor.' At the bottom of the search section, there are two filter options: 'Show images' with a checked checkbox and 'Show answers' with a checked checkbox.

Search database for questions you would like to use:

1. Type in your keyword(s) in the search box.
2. Click on 'Show images' and/or 'Show answers' to see the full question (i.e. images and/or multiple choice options) in your search results.

# Searching for Questions

The database will search for the keywords in the questions, in the multiple choice answers, and the categories that are associated with the questions.

**Browse Database**

Go to My Account | Create an assignment

## Search

Explore the myDalite database for questions using a keyword search. You will be able to refine your search results using filters on discipline and category.

Search  
limiting reactant

The search engine checks question texts for each keyword as well as the complete phrase. You can also search on username to find all content from a certain contributor.

Show images  Show answers

## Filters

Disciplines:

Chemistry  Biology

Keywords:

General Chemistry Bonding Enthalpy Conceptual Equilibrium Mechanism  
Chemical Reactions Kinetics Organic Oxidation Thermochemistry Combustion  
Reduction Energy Electronegativity Thermodynamics Potential conversions  
 Stoichiometry  Limiting  Excess  Balancing  Equation  Error  Detection  
 Reactant  Percent  Yield  Calculation  Precipitation  Gas

**CLEAR**

Click on keywords (turns blue) to filter the search results. Click again to remove the filters (turns grey).

# Searching for Questions

In this example, the original search (limiting reactant) found:

- 10 questions with the keyword 'reactant'
- 3 questions with 'limiting reactant'
- 11 questions with 'limiting'

Once the filters were applied, the search results were narrowed down to:

- 0 questions with the keyword 'reactant'
- 3 questions with 'limiting reactant'
- 10 questions with 'limiting'

Filters

Disciplines:  
 Chemistry  Biology

Keywords:  
General Chemistry Bonding Enthalpy Conceptual Equilibrium Mechanism  
Chemical Reactions Kinetics Organic Oxidation Thermochemistry Combustion  
Reduction Energy Electronegativity Thermodynamics Potential conversions  
 Stoichiometry  Limiting  Excess  Balancing  Equation  Error  Detection  
 Reactant  Percent  Yield  Calculation  Precipitation  Gas

**CLEAR**

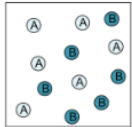
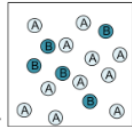
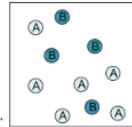

Results

Page 1 / 1

"reactant" > 0/10 results

"limiting reactant" > 3/3 results

**ChemGENStoich - Q19**  
#834  
A chemical reaction has the equation:  $2A + B \rightarrow C$ . In which case is B the limiting reactant?

I.  II.  III.  IV. 

A. I.  
B. II.

"limiting" > 10/11 results

**ChemGENStoich - Q8**  
#296  
10.0 g of nitrogen monoxide is reacted with 10.0 g of oxygen to form nitrogen dioxide. Which

There may be more than one page with the search results.



# Searching for Questions

"limiting" > 10/11 results

## ChemGENStoich - Q8

#296

10.0 g of nitrogen monoxide is reacted with 10.0 g of oxygen to form nitrogen dioxide. Which of the following statements is true?

- A. Oxygen is the limiting reagent.
- B. The final number of moles of nitrogen dioxide equals the initial number of moles of nitrogen monoxide.
- C. Nitrogen monoxide will remain after the reaction is complete.
- D. The final number of moles of nitrogen dioxide is twice the initial number of moles of oxygen.

Discipline: Chemistry

Categories: General Chemistry, Stoichiometry, Calculation, Limiting Excess, Balancing Equation

Student answers: 174



## ChemGENStoich - Q21

#836

Ammonia reacts with diatomic oxygen to form nitric oxide and water vapor:



When 40.0 g  $\text{NH}_3$  and 50.0 g  $\text{O}_2$  are allowed to react, which is the limiting reagent?

- A.  $\text{NH}_3$
- B.  $\text{O}_2$
- C. NO
- D.  $\text{H}_2\text{O}$
- E. No reagent is limiting.

Discipline: Chemistry

Categories: General Chemistry, Stoichiometry, Calculation, Limiting Excess

Student answers: 108



Click on the heart for any questions you like. They will be added to your 'My favourite questions' list, visible when creating assignments.

For more information on Assignments, see the document '*Help for Creating and Modifying myDALITE Assignments*' in the Forum.