



Kings Bay

Ordering of Chemicals and Gases

Presentation by Avdelingsingeniør (Departmental Engineer)

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Chemicals/Gases/Isotopes

- **Can I bring my own chemicals/gas/isotopes?**
- No, bringing your own chemicals is not allowed. All chemicals/gas/isotopes must be ordered over Kings Bay. Exceptions can be made.
- **Which CGI can I order?**
- We usually order chemicals from [VWR.no](https://www.vwr.no), as they have the best delivery times and it reduces freight costs. In case no suitable chemical is available from VWR.no, we order from other suppliers.
- Gas orders are done over Linde.no. Here you find an overview over which gases they have: <https://www.linde-gas.no/shop/>
- Concerning Isotopes, we do not have a fixed supplier.

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How early do I need to order?



- **Chemicals:** Our recommendation is to order as early as possible. Delivery times can vary, and a lot of Chemicals can be only sent up to Svalbard by boat.

The freight comes with MS Norbjørn from Tromsø. Recommendation would be to have two boats between your order and arrival.

- **Gases:** As usually all gas is available either in Tromsø or Oslo, an order latest two weeks before the freight boat is enough. For larger orders and special orders, we recommend being earlier. In case we must order gas from Longyearbyen, you have to expect additional freight costs for the handling in Longyearbyen.
- **Isotopes:** As early as possible.

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Seilingsplan Tromsø-Svalbard M/S Norbjørn



Week	Departure Tromsø	Arrival	Week	Departure Tromsø	Arrival	
1	Friday 08.01.	Longyearbyen 11.01.	29	Friday 23.07.	Longyearbyen 26.07.	
3	Tuesday 19.01.	Longyearbyen 22.01.	31	Tuesday 03.08.	Longyearbyen 06.08.	
4	Friday 29.01.	Longyearbyen 01.02.	32	Friday 13.08.	Longyearbyen 16.08.	
6	Tuesday 09.02.	Longyearbyen 12.02.	Ny-Ålesund/ Svea	34	Tuesday 24.08.	Longyearbyen 27.08.
7	Friday 19.02.	Longyearbyen 22.02.	35	Friday 03.09.	Longyearbyen 06.09.	
8	Tuesday 02.03.	Longyearbyen 05.03.	37	Tuesday 14.09.	Longyearbyen 17.09.	
10	Friday 12.03.	Longyearbyen 15.03.	Ny-Ålesund/ Svea	38	Friday 24.09.	Longyearbyen 27.09.
12	Tuesday 23.03.	Longyearbyen 26.03.	40	Tuesday 05.10.	Longyearbyen 08.10.	
14	Friday 09.04.	Longyearbyen 12.04.	41	Friday 15.10.	Longyearbyen 18.10.	
16	Tuesday 20.04.	Longyearbyen 23.04.	43	Tuesday 26.10.	Longyearbyen 29.10.	
17	Friday 30.04.	Longyearbyen 03.05.	44	Friday 05.11.	Longyearbyen 08.11.	
19	Tuesday 11.05.	Longyearbyen 14.05.	Ny-Ålesund/ Svea	46	Tuesday 16.11.	Longyearbyen 19.11.
20	Friday 21.05.	Longyearbyen 25.05.	47	Friday 26.11.	Longyearbyen 29.11.	
22	Tuesday 01.06.	Longyearbyen 04.06.	49	Monday 08.12.	Longyearbyen 09.12.	
23	Friday 11.06.	Longyearbyen 14.06.	50	Tuesday 14.12.	Longyearbyen 17.12.	
25	Tuesday 22.06.	Longyearbyen 25.06.	Ny-Ålesund			
26	Friday 02.07.	Longyearbyen 05.07.	Svea			
28	Tuesday 13.07.	Longyearbyen 16.07.	Svea			

<https://www.bring.no/tjenester/pakker-og-gods/svalbard>

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How to order? Information needed



- Order: RiS and/or laboratories@kingsbay.no
- **Chemical:** Ethanol $\geq 96\%$ (v/v) Reag. Ph. Eur., Supelco®, 3 x 2,5 l, 1.59010 Merck
 - Chemical Name + Percentage
 - Grade (e.g. molecular biology grade) if applicable
 - Quantity of one bottle and total quantity
 - If you have a preferred product: Product Number plus supplier
- **Gas:** Balloon Helium 200 bar, 4 x 50 l / Propane, Household, Steel, 11 kg
 - Type of gas
 - Type of connection (e.g. click-on or industrial)
 - Type of regulator needed (in case you do not bring your own regulator)
 - Amount, e.g. 4 x 5 l
 - Type of bottle (e.g. kompositt or steel)

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Availability and follow up



- **What is a typical availability of chemicals from the supplier?**
- This largely depends on the chemical and on the overall demand. (Example: Problems with Ethanol 96% after Corona outbreak)
- **Will I be able to follow my order in RiS?**
- No, this is not possible. You will be contacted by email to discuss the order and get a confirmation, when the chemical agreed upon is ordered. In case there are problems with the shipment you will be informed.

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Costs



- **How much will I need to pay?**
- Chemicals: Prices for chemicals changes all the time. You will be charged:
 - purchase price
 - Freight
 - possible additional fees (e.g. ADR transport fee).
- Gas: Here the prices are fixed. Prices often differ from the prices you will see on linde.no. The price of gases constitutes of:
 - Price for the gas
 - Price for the bottle or daily rent for the bottle
 - Freight Costs
- **How are the freight costs calculated?**
- The freight costs can vary greatly and depend on the quantity of the order.
- Freight cost can e.g. consist if you order just one chemical: minimum order charge + dangerous goods freight + freight + additional freight charges + insurance.
- If you order early, we will try to bundle orders from different researchers to one, so that the overall freight costs go down.
- **I did not use the chemical at the end, do I still have to pay?**
- Yes, you must pay for all your orders.
- **CHEMICAL WASTE IS NOT INCLUDED**

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Chemical Waste



- All chemical waste is sent by Kings Bay
- Please contact laboratories@kingsbay.no
- Bring own containers for chemical waste
- The price is calculated by total kg.
- **DO NOT MIX CHEMICAL WASTE!!!**

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Restrictions



- You might not be able to use the chemical you planned, e.g. due to:
 - Impossibility to provide for first help in Ny-Ålesund
 - Restrictions imposed by law (e.g. mercury (II) chloride)
 - Restrictions imposed by NYSMAC
 - Your own fault (working without PPE, generally doing stupid things, ...)
- BUT for the prepared researcher who works safe, nothing will change.
→ You will be informed in time.

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Reminder: Personal Protective Equipment



- You have to bring/order your own protective equipment
- Due to logistical problems in connection to Corona I recommend strongly to bring PPE with you, instead of ordering.
- Bring closed shoes to work in the labs! **OUTDOOR SHOES NOT ALLOWED INDOORS!**
- Which PPE you need to use, is described in the SDS. Furthermore you might have the need for additional protective measures.

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How to contact us



- marinelab@kingsbay.no will be still available in 2021, but please use:
- laboratories@kingsbay.no for booking/invoices/orders /waste (**NOT** flights, accomodation, food!)
- After a RiS booking is finished and accepted by AWIPEV, we will get automatically informed.

Other topics: engineer@kingsbay.no