



To whom it may concern

STORAGE AND SHIPPING CONDITIONS, SHELF-LIVE AND EXPIRATION DATES
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Recommended storage conditions can be found in the Acros Organics catalog next to the products. Many products indeed have greatly extended shelf lives when stored cool, frozen or refrigerated.

However, many freezer- and cool-storage products are also stable at ambient temperature for a shorter term. Ambient temperature shipping helps to control shipping costs for our customers. Acros Organics warrant that its products will be suitable for at least 6 to 12 months after receipt unless stated otherwise.

Only a few products known to be unstable will be provided with a given expiration date on the label, after which the product should not be used. However, as Acros Organics products are sold as intended for research use, it is impractical to assign formal expiration dates to them, as the percentage decomposition that might compromise usage will always vary with experimental design.

Acros Organics products are assayed to assure that their chemical quality is within the set specifications. All Acros Organics products know a re-assay period as the time from the former QC acceptance date, which might be referred to as shelf-life – a shelf-life that may be extended for a same period if it still meets specifications upon re-assay.

Shelf-life dates are although not printed on the product labels, and Certificates of Analysis do not include above information either. A same batch will most often indeed receive a next expiration-date when a next re-assay date is reached, and re-analysis got completed. Only in such cases when Acros Organics has no longer sufficient stocks to warrant re-assay, shelf-life will no longer be extended.

Acros Organics understands that some customers need although such shelf-life information on Certificates of Analysis to comply with their internal procedures. In such cases, Acros Organics invites the customer to negotiate a supply contract for specific (annual) quantities of specific products. Under such contract Acros Organics is ready to commit to produce customer-specific Certificates of Analysis for the products under contract. Such customer-specific Certificates of Analysis will show the shelf-life at the time of delivery and to be understood as described above.

Acros Organics products may be expected to be guaranteed for minimum 6 months after purchase even if the shelf-life as understood under above re-assay period, comes due anytime during that period.

Following general guidelines can be used along:

- room temperature items will usually be stable for 2 up to 5 years after receipt
- refrigeration items should usually be stable for 1 up to 2 years if stored at 4-6°C
- freezer items should be stable for 6 months to 1 year after receipt if stored upon arrival at -18°C

As Acros Organics offers a wide range of products, there will always be exceptions. Hence, if in doubt, please always check with our customer service department for confirmation.

A handwritten signature in blue ink, appearing to read "Louis Van den Broek".

Louis Van den Broek
QA-manager