



**COMMITTEE FOR VETERINARY MEDICINAL PRODUCTS
(CVMP)**

GUIDELINE ON DECLARATION OF STORAGE CONDITIONS:

**A) IN THE PRODUCT INFORMATION OF PHARMACEUTICAL
VETERINARY MEDICINAL PRODUCTS**

B) FOR ACTIVE SUBSTANCES

**ANNEX TO GUIDELINE ON STABILITY TESTING OF NEW VETERINARY
DRUG SUBSTANCES AND MEDICINAL PRODUCTS**

**ANNEX TO NOTE FOR GUIDANCE ON STABILITY TESTING OF EXISTING
ACTIVE SUBSTANCES AND RELATED FINISHED PRODUCTS**

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Note: Revision of EMEA/CVMP/422/099 of 9 February 2000
Minor revision in November 2007, only to improve the clarity of the text.

GUIDELINE ON
A. DECLARATION OF STORAGE CONDITIONS IN THE PRODUCT
INFORMATION OF PHARMACEUTICAL VETERINARY MEDICINAL
PRODUCTS

1. BACKGROUND

Suitable storage conditions, consistent with those defined in the SPC should be included in the package leaflet and on the product labelling, if appropriate, as stated in Directive 2001/82/EC.

The storage conditions for pharmaceutical veterinary medicinal products should be based on evaluation of the stability studies undertaken on the finished product. Details of the conditions recommended for these stability studies are included in the relevant CVMP/VICH Guidelines where storage conditions for real time studies were chosen as 25°C/60% RH supported by accelerated or, where applicable, intermediate conditions and based on the mean kinetic temperature of climatic zone I/II, the relevant zone for the EU. The mean kinetic temperature includes the annual variations, i.e. lower and higher temperatures during winter and summer seasons. Thus, storage at a continuous temperature of 25°C during real time stability studies, covers the actual temperature exposure likely to be encountered under ambient conditions throughout Europe, including real time excursions from 25°C.

2. OBJECTIVE

The purpose of this guideline is to set out uniform statements on storage conditions for inclusion in the labelling of medicinal products and to define when they apply.

3. SCOPE

This guideline is intended as an Annex to the stability guidelines and relates to marketing authorisations for all product categories other than immunological products.

4. CORE STORAGE STATEMENTS

The storage conditions must be possible for the user to follow and it is therefore necessary to restrict the statements to those achievable in practice. Results from stability studies, presented at the time of submission, should serve as guidance and there should be a direct linkage between the label statements and the demonstrated stability characteristics of the finished product. However, a storage statement cannot be used to compensate for insufficient stability data, e.g., omission of stability studies at accelerated or intermediate testing conditions. The use of terms such as 'room temperature' or 'ambient conditions' is unacceptable.

Testing conditions where the product is stable	Required label	Additional label*, where relevant	SPC and Package Leaflet
25°C/60% RH (long term) 40°C/75% RH (accelerated) or 30°C/65% RH (long term) 40°C/75% RH (accelerated)	None	<i>Do not refrigerate or freeze. Protect from frost+.</i>	This medicinal product does not require any special storage conditions.
25°C/60% RH (long term) 30°C/60% or 65% RH (intermediate) or 30°C/65% RH (long term)	Do not store above 30°C } Store below 30°C } [∇]	<i>Do not refrigerate or freeze. Protect from frost+.</i>	Do not store above 30°C } Store below 30°C } [∇]
25°C/60% RH (long term)	Do not store above 25°C } Store below 25°C } [∇]	<i>Do not refrigerate or freeze. Protect from frost+.</i>	Do not store above 25°C } Store below 25°C } [∇]
5°C ± 3°C (long term)	Store in a refrigerator <u>or</u> Store and transport refrigerated **	<i>Do not freeze.</i>	Store in a refrigerator (+2°C to +8°C) <u>or</u> Store and transport refrigerated (+2°C to +8°C)**
Below zero	Store in a freezer <u>or</u> Store and transport frozen***		Store in a freezer (temperature range to be given) <u>or</u> Store and transport frozen*** (temperature range to be given)

* Depending on the pharmaceutical form and the properties of the product, there may be a risk of deterioration due to physical changes if subjected to low temperatures. Low temperatures may also have an effect on the packaging in certain cases. An additional statement may be necessary to take account of this possibility.

+ E.g. for containers stored on farm.

** The stability data generated at 25°C/60%RH (accelerated) should be taken into account when deciding whether or not transport under refrigeration is necessary. The statement should only be used in exceptional cases.

*** The statement should only be used when critical.

∇ Either statement is acceptable.

The exact wording of the statements given in the table above will be applied throughout the Community taking into consideration that because of national linguistic and cultural differences, two alternatives are presented for storage below 25°C and below 30°C, respectively, and it is the decision of the competent authority which of these should be used. Any other statements are only acceptable if unavoidable and, in particular, where the core storage statements are documented to be inappropriate. The alternative proposal is to be supported by relevant data and must be realistically achievable in practice.

5. OTHER SPECIFIC STORAGE STATEMENTS

In principle, medicinal products should be packaged in containers that ensure stability and protect the product from deterioration. A storage statement should not be used to compensate for inadequate or inferior packaging. Nevertheless, the following statements may be used to emphasise the need for storage precautions to the user.

	Storage problem	Additional labelling statements * depending on the packaging	Comment
1.	Sensitivity to moisture	Keep the container*** tightly closed.	E.g. plastic bottles
2.	Sensitivity to moisture	Store in the original package.	E.g. blisters
3.	Sensitivity to light**	Store in the original container/package.	
4.	Sensitivity to light**	Keep container*** in the outer carton.	
5.	Sensitivity to light**	Protect from light.	E.g. containers stored on farm.

* When such a standard statement is used, an explanation specifying whether the product is sensitive to light and/or moisture should be added.

** Details of evaluation are included in the CVMP/VICH Guideline on photostability testing.

*** The actual name of the container should be used e.g. bottle, blister

However, additional labelling statements may be required, particularly for products stored under farm conditions, e.g. 'Store in a dry place', 'Protect from direct sunlight'. Additional proposals are to be justified.

Where a supplementary warning, e.g., "Store in the original package", "Protect from direct sunlight", etc, is required, the statement in the SPC "This product does not require any special storage precautions" (see footnote to the table in section 4) should be revised to read "This medicinal product does not require any special temperature storage conditions" as necessary.

The exact wording of the above labelling texts will be uniformly applied throughout the Community.

**NOTE FOR GUIDANCE ON
B. DECLARATION OF STORAGE CONDITIONS FOR ACTIVE
SUBSTANCES**

The storage conditions for active substances should be based on evaluation of the stability studies undertaken on the active substance. The principles elaborated above in relation to standard storage declarations for finished medicinal products should also form the basis for storage declarations of active substances.

For substances to be stored/transported refrigerated or frozen, the temperature range should be included in the labelling.
