## TERANGA GROUPE

## **STABILITY STUDIES AND STORAGE 1/2**





# Do you need to outsource you stability studies or sample storage?

CEBIPHAR offers its sophisticated technical platform and its multidisciplinary team to support your pre and post marketing studies.

#### Your needs:

To perform stability studies for:

- Requests for clinical studies authorisation (IND, IMPD)
- Registration files (NDA, Security Report)
- Post-marketing studies (on-going stability)

Studies for APIs, bulk products and finished products All ICH-VICH conditions, long term, intermediary and accelerated conditions

Pre-stability studies for formulation screening Forced degradation studies for:

- Demonstration of the stability indicating features of the methods
- Identification of the potential degradation products Freezing/defrosting cycles Photostability studies

Support studies for transport conditions

#### Our services: stability studies or storage only

Development and validation of stability indicating methods

Design of stability studies protocols (bracketing, matrixing) – protocols are reviewed by our Regulatory Affairs Unit

Storage in climatic chambers and samples management Samples analysis and management of OOS/OOT

### Our assets

## Continuous operation & optimal protection of samples

24/7 recording and monitoring system
Qualified back-up chambers
Power generating unit
Several levels of independent security systems
Automatic protection of samples in the event of dysfunction

Internal maintenance with storage of spare parts

#### **Our expertise**

Highly qualified analysts More than 38 years experience Support from our technical & regulatory department

#### Our quality system

GMP compliant pharmaceutical site (ANSM & ANSES), FDA inspected Studies audited by our QA department Internal metrology & validation department



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## TERANGA GROUPE

## **STABILITY STUDIES AND STORAGE 2/2**



### Our stability storage infrastructure

Storage capacity = 140m3

#### ICH-VICH, WHO, ASEAN conditions for climatic zones I, II, III and IV

- 25  $\pm$  2°C and 60  $\pm$  5% RH: 3 chambers (16, 20 & 34 m<sup>3</sup>)
- 30  $\pm$  2°C and 65  $\pm$  5% RH: 1 chamber of 21 m<sup>3</sup> + 4 chambers of 1300 L
- 30  $\pm$  2°C and 75  $\pm$  5% RH: 1 chamber of 20 m<sup>3</sup>
- 40  $\pm$  2°C and 75  $\pm$  5% RH: 1 chamber of 12 m<sup>3</sup>
- 25  $\pm$  2°C and 40  $\pm$  5% RH: 1 chamber of 2000 L
- 40 ± 2°C and <25% RH: 1 chamber of 2000 L
- 50  $\pm$  2°C: 1 chamber of 100 L and 1 safety chamber
- 5 ± 3°C: 1 chamber of 5 m<sup>3</sup> (doubled regulation system)
- $-20 \pm 5$ °C: 1 chamber

#### Photostability conditions (ICH Q1B & VICH GL5)

- 1 cabinet of 1300 L
- Visible: 1,2 millions lux.hours
- UV: 200 watts.hours/m<sup>2</sup>
- 25 ± 2°C

#### **Other conditions**

-80°C: 1 deep-freezer



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