MEMORANDUM OF UNDERSTANDING

Teledyne Hanson Research

And

H.K. College of Pharmacy

On

Support in Research, Development, Training and Skilling

Date: 15th June 2021 | Place: Mumbai | INDIA

Teledyne Hanson Research
9810 Variel Avenue
Chatsworth, CA
91311 U.S.A.

H.K.College of Pharmacy
HK CAMPUS, Adj. Municipal School,
Next to MHADA complex Relief road, Oshiwara,
Jogeshwari (West),
Mumbai - 400012

Kind Attn: Dr. M.N.Saraf

SUB: Installation of Comparative Dissolution Tester CD-14 at your laboratory.

As per your discussion with Mr. Satish Kakodkar and subsequent meeting we are pleased to inform you that we would like to sign the "Memorandum of Understanding" (MOU) between Teledyne and H.K. College to offer this CD-14 Dissolution for research work on the contract period of one year from the date of signing this contract. After the completion of the contract period Teledyne will evaluate the research work, project and publications done by H.K. College and decide whether to extend the contract or terminate the same.

The Installation, Qualification and the Operational Training of CD-14 system would be supported by Teledyne team. We would also like to inform you that Teledyne whenever required can bring our client for demo at H.K. College and take the system out for seminar, exhibition or demo as and when required.

- CONFIDENTIALITY:

a. It is hereby agreed between the Parties that H.K. College shall keep Confidential Information of TELEDYNE HANSON RESEARCH strictly confidential and free from disclosure to any third party. (E.g. Competitor: Labindia, Electrolab, Distek, Agilent, Sotax, Pharmatest, etc...)

b. H.K. College shall safeguard and protect such Confidential Information with the same degree of care with which it safeguards its own Confidential Information, which shall be no less than a reasonable degree of care.

c. H.K. College shall use the Confidential Information solely in connection with the performance of this Agreement and for no other purpose.

I. inform each such individual including student of the confidential nature of such information and of the confidentiality obligation imposed by this Agreement; and

II. enter into a non-disclosure agreement as may be required by Teledyne Hanson Research. H.K College shall promptly notify TELEDYNE HANSON RESEARCH of any unauthorized use or disclosure of any Confidential Information by any individuals.

d. If we notice or observed that the above mention clause are violated by H.K. College, Teledyne reserves the right to terminate the contract on immediate basis and take the system back.

e. The obligation of confidentiality under this Agreement shall survive 3 years after the expiration or termination of this Agreement, regardless of the cause of termination.

Signature
Mr. Satish Kakodkar
Regional International Director – South Asia
Teledyne Hanson Research, USA

Date: 15/06/21

Signature
Dr. M.N.Saraf
Principal
H.K. College of Pharmacy
Date: 15/06/21

REPORT : Teledyne Hanson Research

Mr. Satish Kakodkar from Teledyne Hanson Research visited the HK campus during Faculty Development program in November 2019. He suggested collaboration with H K College of Pharmacy by sharing the newly launched CD -14, a 14 station dissolution tester spcially designed to conduct comparative dissolution studies.

Teledyne Hanson signed the "Memorandum of Understanding" (MOU) with HK College of Pharmacy to offer this CD-14 Dissolution tester for research work on the contract period of one year from 15th June 2021, the date of signing the MoU. It is mentioned in the MoU that after the completion of the designated period, Teledyne will evaluate the research work, project and publications done by H.K. College and decide regarding extension of the collaboration.

The Installation, Qualification and the Operational Training of CD-14 system was conducted on 29th June 2021 by Teledyne team. It was also decided in MoU that Teledyne Team, whenever required can bring their client for demo at H.K. College and take the system out for seminar, exhibition or demo as and when required.

Salient features of the CD14 Apparatus are as follows

- The Teledyne Hanson 14-vessel CD14 Comparative Dissolution Tester runs two methods simultaneously or independently
- Ideal for bioequivalence studies of generic vs. innovator drug formulations.
- With digital temperature probes at 12 positions the CD14 comparative dissolution tester is able to test two different formulations with separate settings for every parameter under the same temperature conditions. Improves workload efficiency.
- It can store up to 500 protocols (methods) on-board.
- It is compatible with Apparatus 1, 2, 5, and 6.
- It is compliant with USP, EP, JP, US FDA Enhanced Mechanical Calibration and ASTM E2503 standards.
- The instrument is 21 CFR compliant and can be utilised in collaboration with other pharma industries.

This instrument will be used for the Dissolution studies of students and faculty in their research work. It can also be utilised for certain projects from the small and medium sale industries for comparative dissolution studies.

Prepared by
Dr. Geeta Bhagawat