

REPORT ON HPTLC Training Program

Title of Training: On-sight CAMAG HP-TLC System training

Application Specialist / Trainer: Mr. Manthan Patel & Miss. Hetal Patel

Date: 17th February 2023

Venue: Research and Development Centre of Shree RMD Ayurved College and Hospital.

Event Attendees: Students of B.Pharm sem VIII, M.Pharm PQA Sem II and Sem IV

Training Officer: Dr. Alisha Patel, Associate Professor

Summary Report:

Initial part of training included Inauguration and welcome to all participants by host institute Shree RMD Ayurved College and Hospital. Further the facilities of research lab with were allowed to explore with Director and R & D head; Dr. Yogesh Desai. Then session was carried out by Mr. Manthan Patel and Miss. Hetal Patel included scopes of HPTLC, Basic instrumentation, its application in industrial and research for separation and quantification.

Then in later part of training the demonstration on HPTLC instrument with hands on training to sample applicator, plate development and detection techniques were done. The sample applicator LINOMAT 5 and Autosampler ATS 4 were demonstrated. The development chamber and visualizer, densitometer and scanner CAMAG TLC visualizer 2 also demonstrated. The software Vision CATS was used by Experiment on identification and Quantification for Panchdravya including Ghee sample were performed.

