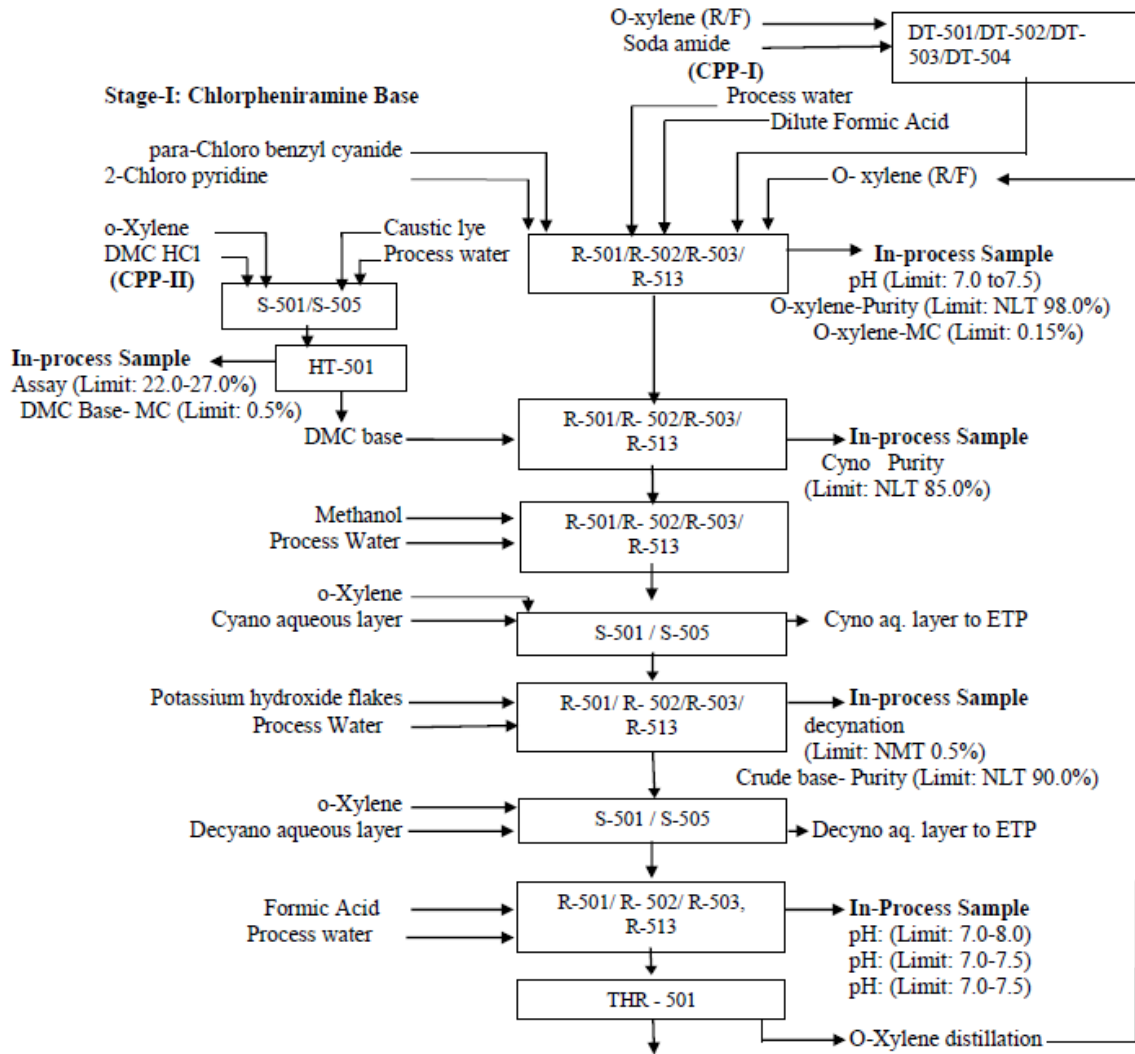


Manufacturing Process Flowchart Chlorpheniramine Maleate, USP (Cat# CH133)

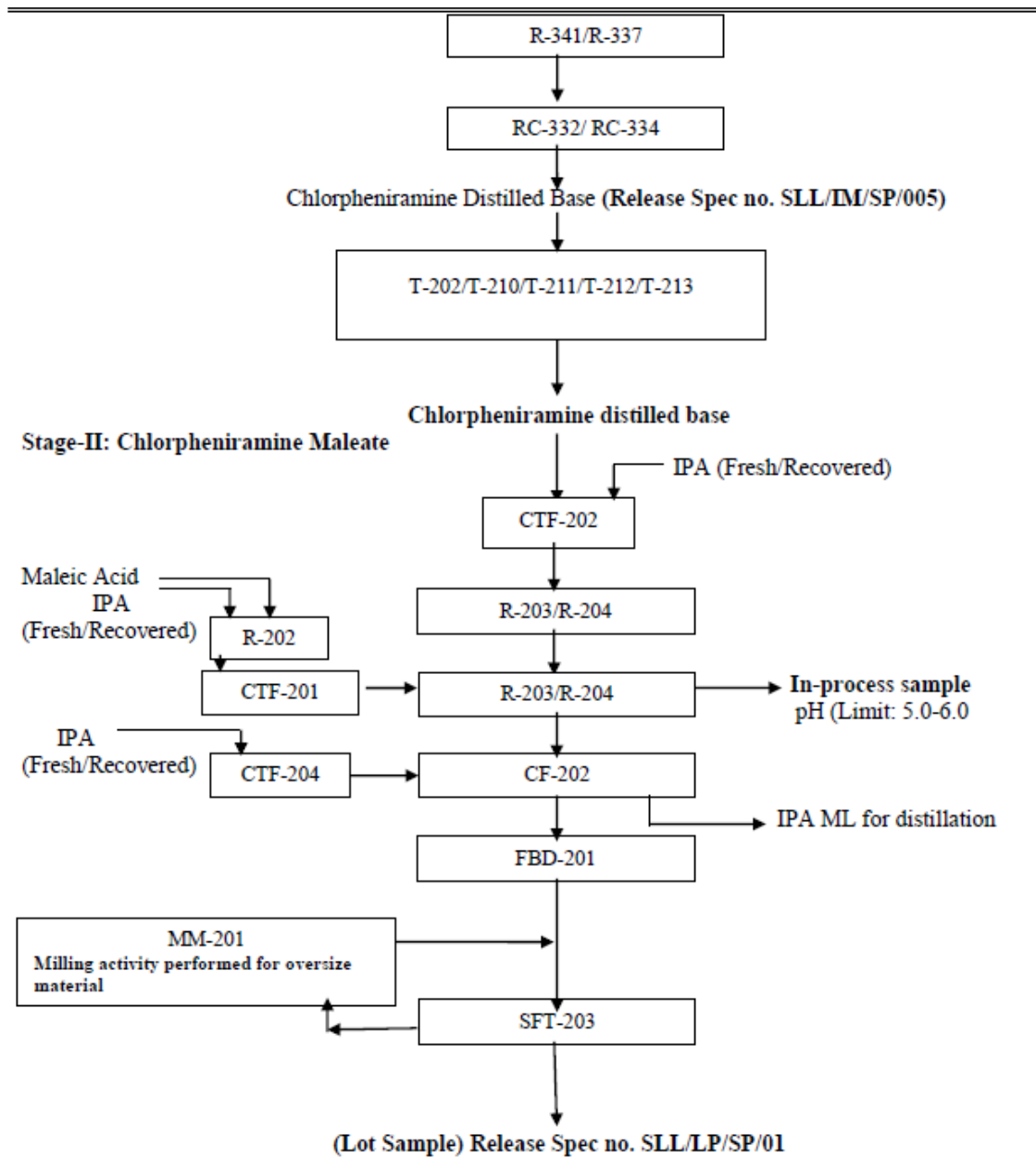


CORPORATE HEADQUARTERS

769 Jersey Avenue
 New Brunswick, NJ 08901
 PHONE 732.214.1300
 FAX 732.246.7132

WEST COAST FACILITY

14422 South San Pedro Street
 Gardena, California 90248
 PHONE 310.516.8000
 FAX 310.516.9843



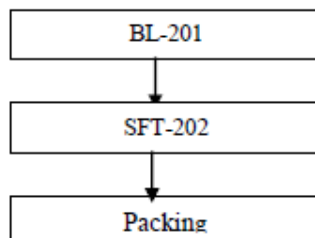
CORPORATE HEADQUARTERS

769 Jersey Avenue
 New Brunswick, NJ 08901
 PHONE 732.214.1300
 FAX 732.246.7132

WEST COAST FACILITY

14422 South San Pedro Street
 Gardena, California 90248
 PHONE 310.516.8000
 FAX 310.516.9843

Stage-III: Blending, Sifting and Packing



(Finished product)

FP. Spec no.: SLL/FPSP/C/Ph.Eur.-BP/001

SLL/FPSP/C/USP/003

SLL/FPSP/C/IP/005

Note: Recovered solvents are used in the same stage of the next same Chlorpheniramine Maleate batch.

Where *

R-Reactor,

S-Separator,

THR-Thermosyphon System,

HT-Holding Tank,

RC- Receiver,

CF-Centrifuge,

CTF Cartridge Filter,

FBD-Fluid bed Dryer,

MM Multi Mill,

SFT-Sifter,

BL- Blender,

IPA-Isopropyl Alcohol,

DMC HCl- Dimethyl Amino Ethyl Chloride Hydro Chloride,

F- Fresh,

R-Recovered.

CORPORATE HEADQUARTERS

769 Jersey Avenue

New Brunswick, NJ 08901

PHONE 732.214.1300

FAX 732.246.7132

WEST COAST FACILITY

14422 South San Pedro Street

Gardena, California 90248

PHONE 310.516.8000

FAX 310.516.9843