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(57) Abstract :
œPERORAL DISINTEGRATING DYE TABLETS FOR ENDOSCOPY AND METHOD OF PREPARATION THEREOF • A method of preparation of peroral disintegrating dye tablets for endoscopy of comprising of an oral dosage form which has a core composition of: preparation of peroral Methylene blue fast disintegrating dye tablets comprising of: preparation of a pre-compressed blend of a composition comprising of: 3,7-Bis(dimethylamino)phenothiazin-5-ium chloride in a weight of 10mg per 100mg of the tablet; Polyvinylpyrrolidone (crospovidone) with a weight ranging upto 8 mg; 5mg of 2H-1Î»6,2-benzothiazol-1,1,3-trione (saccharin), and are passed through sieve of #40 (aperture 425 Î¼m, ASTM) to form a powder blend; blending the powdered blend with Pearlitol SD in a of weight of 65mg to form a prepared blend; lubricating the prepared blend with 2mg magnesium stearate as a glidant in a poly bag to form a lubricated prepared blend which is compressed into tablets; and subjecting the obtained tablets to sublimation by adding 10mg of 1,7,7-Trimethylbicyclo [2.2.1]heptan-2-one (camphor) and placing in an oven at 60°C for 6 hours to obtain the peroral dye tablet; a method for preparation of modified released dye tablets comprising of: blending 4- [3-(4-hydroxyphenyl)-1,1-dioxo-2,1(6-benzoxathiol-3-yl)] phenol in a weight of 20mg; Carbonic Diamide (urea) in a weight of 130 mg ; Methocel K4M in a weight of 15 mg, whereby the blended 4- [3-(4-hydroxyphenyl)-1,1-dioxo-2,1(6-benzoxathiol-3-yl)] phenol in a weight of 20mg for a batch of 150 tablets; which is passed through a sieve of #40 and mixed with a vehicle to form a prepared blend; lubricating the prepared blend with magnesium stearate in a weight of 3mg and Silicon dioxide (Aerosil) in a weight of 1mg in a poly bag to form a lubricated prepared blend; and compressing the lubricated prepared blend into 300mg tablets on a 12-station rotary tablet punching machine using 12mm round plain punches with enough compression force to obtain peroral disintegrating phenol red dye tablets; a method for preparation of coated Indigo carmine core tablets comprising of: preparation of a composition by weighing and preparing a blend comprising of: Disodium-2-(3-hydroxy-5-sulfonato-1H-indol-2-yl)-3-oxoindole- 5-sulfonate (Indigo Carmine) with a weight of 20mg; Hydroxy propyl cellulose 20mg; which is mixed with Micro crystalline cellulose 58mg as vehicle to form a prepared blend; lubricating the prepared blend with magnesium stearate in a weight of 1.5 mg and Silicon dioxide (Aerosil) in a weight of 0.5mg in a poly bag to form a lubricated prepared blend; and compressing the final compressed blend into core tablets using 8 mm round flat punches on a 12-station rotary tablet machine using compression force; and 12 mm on a 12- station rotary tablet machine using compression force and the coating material is a coating polymer: Eudragit L100; and Eudragit S100. FIG 1A-2A-3A

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