

Schematic Representation of Method of Formulation Numbering

F# 123 represents the following -

F# → Formulation with

1 → the hydrogel (GG, HGG, MGG, NaCMG, HPMC)

where,

GG is used for guar gum,

HG is used for hydrolysed guar gum

MG is used for methylated guar gum

OG is used for oxidised guar gum

NaCMG is used for sodium carboxymethyl guar.

HPM is used for Hydroxypropyl methyl cellulose

(Specific modified guar gum product is indicated by writing number after the hydrogel in each case)

2 → model drug used in the formulation

where,

C is used for Chlorpheniramine Maleate

D is used for Diltiazem hydrochloride

3 → stands for the formulation composition with respect to diluents as indicated in the table of composition.

For Example -

F#HG12C5 ⇒

Formulation with Hydrolysed guar gum matrix containing chlorpheniramine maleate as model drug with the composition as per table of composition (Table 5.1.1).

Hydrolysed guar gum used is the guar gum hydrolysed using 0.1N HCl for duration of 2 hours.

F#MG1D5 ⇒

Formulation with methylated guar gum product no. 1 as matrix containing Diltiazem hydrochloride as model drug with the composition as per the table of composition (Table 5.1.2).

F#HPMC5 ⇒

Formulation with Hydroxypropylmethylcellulose K4M as hydrogel matrix containing Chlorpheniramine maleate as model drug and the composition as per the table of composition (Table 5.1.1)