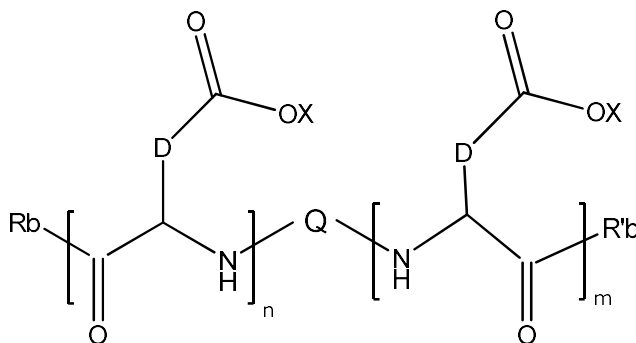


## ABSTRACT

**INJECTABLE SOLUTION WITH A PH 7 OF 7 COMPRISING AT LEAST ONE  
BASAL INSULIN WITH A PI OF BETWEEN 5.8 AND 8.5 AND A CO-  
POLYAMINO ACID BEARING CARBOXYLATE CHARGES AND  
HYDROPHOBIC RADICALS**

[0001] In one embodiment, the composition according to the invention is characterized in that the co-polyamino acid bearing carboxylate charges and at least one hydrophobic radical -Hy is chosen among the co-polyamino acids according to formula XXXb hereinafter:



formula XXXb

wherein,

- D represents, independently, either a group -CH<sub>2</sub>- (aspartic acid) or a group -CH<sub>2</sub>-CH<sub>2</sub>- (glutamic acid),
- X represents a cationic entity chosen in the group comprising alkali cations,
- R<sub>b</sub> and R<sub>b</sub>', identical or different, are either a hydrophobic radical -Hy, or a radical chosen in the group consisting of an H, a C2 to C10 linear acyl group, a C3 to C10 branched acyl group, a benzyl, a terminal "amino acid" unit and a pyroglutamate,

at least one of  $R_b$  and  $R'_b$  is a hydrophobic radical -Hy,

- Q and Hy are as defined above.
- $n + m$  represents the degree of polymerization DP of the co-polyamino acid, namely the mean number of monomeric units per co-polyamino acid chain and  $5 \leq n + m \leq 250$ .

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[No figure]