

## PramLintide - Purified

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| <b>Catalog No.:</b> | AR10238PU-L  |
| <b>Quantity:</b>    | 25 mg  |
| <b>Background:</b>  | Pramlintide acetate is a hormone that is released into the bloodstream, in a similar pattern as insulin. Pramlintide aids in the absorption of glucose by slowing gastric emptying, promoting satiety, and inhibiting inappropriate secretion of glucagon, a catabolic hormone that opposes the effects of insulin.  |
| <b>Source:</b>      | Synthetic  |
| <b>Format:</b>      | <b>State:</b> Sterile Filtered White lyophilized (freeze-dried) powder without additives<br><b>Purity:</b> > 98.0% as determined both RP-HPLC and SDS-PAGE analysis<br><b>Reconstitution:</b> Restore in sterile 18MΩ-cm <sup>-1</sup> H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.<br>The Pramlintide is also soluble in 1% Acetic Acid. |
| <b>Description:</b> | Pramlintide Synthetic is a single, non-glycosylated polypeptide chain containing 37 amino acids.<br><b>Molecular formula:</b> C <sub>171</sub> H <sub>267</sub> N <sub>51</sub> O <sub>53</sub> S <sub>2</sub><br><b>Amino Acid Composition:</b> KCNTATCATNRLANFLVHSSNFGPILPPTNVGSNTY-NH2<br><b>Molecular weight:</b> 3949.4 Da  |
| <b>Storage:</b>     | Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C.<br>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |