

## PramLintide - Purified

<b>Catalog No.:</b>	AR10238PU-S
<b>Quantity:</b>	1 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 <b>Purity:</b> > 98.0% as determined both RP-HPLC and SDS-PAGE analysis <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. 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. <b>Molecular formula:</b> C <sub>171</sub> H <sub>267</sub> N <sub>51</sub> O <sub>53</sub> S <sub>2</sub> <b>Amino Acid Composition:</b> KCNTATCATNRLANFLVHSSNFGPILPPTNVGSNTY-NH2 <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. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.