

Product Number **G014**
Revision Number **RN1.0**

Product Name QPFPQPELPYPQPQ-amide
Synonym PepE, deamidated alpha2-gliadin, aa 60-73
Application Deamidated gliadin peptide, antigen in Celiac Disease
Molecular Formula C₇₉H₁₁₃N₁₉O₂₁
Molecular Weight 1664.87
Purity by HPLC >95 % (220 nm)
Solubility 1 mM in aqueous buffers
Appearance White solid
Storage Store at -20°C, desiccate
Related Products G013 QPFPQPQLPYPQPQ-amide, PepQ, alpha2-gliadin aa 60-73
G001 Alpha2-gliadin, 33mer (aa56-88), biotinylated
G002 Deamidated alpha2-gliadin, 33mer (aa56-88), biotinylated
G009 Alpha2-gliadin, 33mer (aa 56-88)
G011 Deamidated alpha2-gliadin, 33mer, (Acetyl-aa56-88-amide, Q65E)
G005 DGPx4 (Fusion protein of 4 deamidated gliadin peptides)
G006 DGPx2 (Fusion protein of 2 deamidated gliadin peptides)
G007 DGPx1 (deamidated gliadin peptide)
P004 PT-Gluten
Reference(s) Heil, A. *et al. J. Cereal Sci.* **2016**, *70*, 47-56.
Skovbjerg, H. *et al. Biochim. Biophys. Acta* **2004**, *1690*, 220e230.
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