

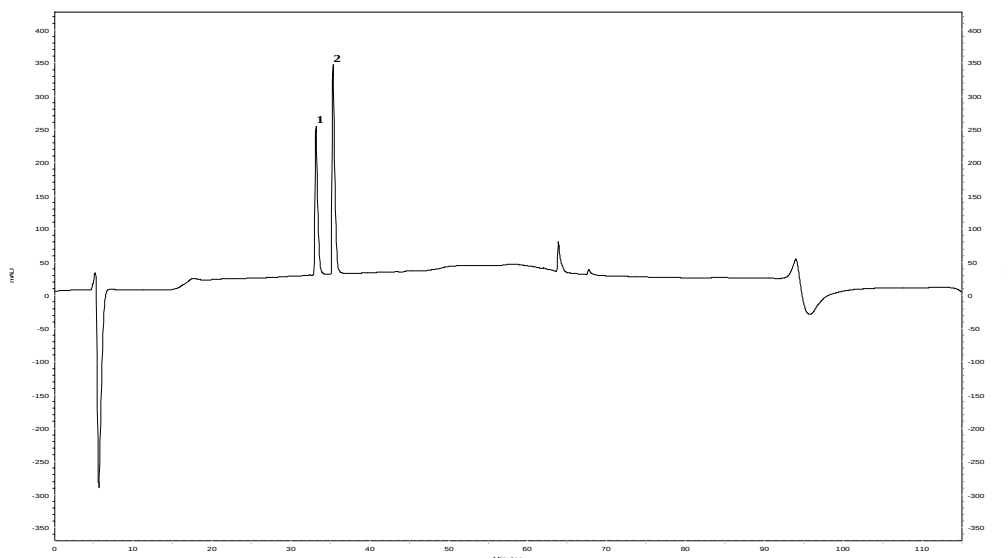


Interferon Beta-1a Oxidised Peptide – BP 2019

This chromatogram is provided for information only as an aid to analysts and are intended as guidance for the interpretation and application of BP monographs.

Typical chromatogram for solution (3) in the Identification C test for Interferon Beta-1a Oxidised Peptide Monograph as published in BP 2019. NOTE - due to an error in Identification C in the published BP2019 Monograph for Interferon Beta1a Injection the appropriate preparation details for solution (3) are as follows:

(3) 2.0% w/v Interferon beta-1a oxidised peptide BPCRS in water (for use in the Oxidised forms test).



Peak ID: 1: Oxidised Peptide; 2: Native Peptide.

Column : HiChrom Vydac C18 (250 mm x 2.1 mm, 5 µm)
+ Guard Column C18 (20 mm x 2.1 mm, 5µm)

Mobile Phase A : 0.1% v/v TFA in Water

Mobile Phase B : 0.1% v/v TFA in Water:Acetonitrile (30:70, v/v)

Gradient :

Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
0-30	100-64	0-36
30-45	64-55	36-45
45-50	55-40	45-60
50-70	40-0	60-100
70-83	0	100
83-85	0-100	100-0
85-115	100	0

Diluent : Water

Flow Rate : 0.2 mL/min

Column Temp : 40°C

Injection Volume : 70 µL

Detection : UV, 214 nm