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**-CERTIFICATE OF ANALYSIS-**

Product: Orexin A

Code No: BIBA1007

CAS No: 205640-90-0

Batch No: 4028262.500

Appearance: White lyophilisate

Appearance of solution: Clear, colourless solution (1mg/ml in water)

Identification (ESI-MS): m=3561.2u (average mass)

Purity (HPLC): 94.7% (TFA)  
95.9% (TEAP)

Assay (EA): 80.6% (Nth 18.49%, Nfd 14.90%)

General comment: Product supplied as trifluoroacetate salt

Verified by: David Parton

Signed:

Date: 22<sup>nd</sup> November 2012