

## **I. BACKGROUND INFORMATION ON THE PROCEDURE**

### **1. Submission of the dossier**

Further to the submission of a letter of intent by Pfizer Ltd. on 6 March 2007, the CVMP accepted on 18 April 2007 that Improvac was eligible for the submission of a dossier for granting of a Community marketing authorisation via the centralised procedure.

The Rapporteur and Co-Rapporteur appointed by the CVMP were:

Rapporteur: Dr Ellen-Margrethe Vestergaard from Denmark,

Co-Rapporteur: Dr Anna-Maria Brady (Dr. Martin Ilott /Ms Ruth Kearsley) from United Kingdom

### **2. Steps taken for the assessment of the product**

The company Pfizer Ltd. submitted an application to the EMEA on 31 July 2007 for the granting of a Community marketing authorisation for IMPROVAC in accordance with Article 31 of Regulation (EC) No 726/2004 of 31 March 2004.

- The application was validated on 14 August 2007.
- A list of questions was adopted by the CVMP on 12 December 2007.
- The company submitted written responses on 15 August 2008.
- An oral explanation was given to the CVMP by the company on 12 February 2009.
- The CVMP adopted an Opinion on 11 March 2009
- The EC adopted a Commission Decision on granting a Marketing Authorisation on 11 May 2009

**A. MANUFACTURER(S) OF THE BIOLOGICAL ACTIVE SUBSTANCE(S) AND MANUFACTURING AUTHORISATION HOLDER(S) RESPONSIBLE FOR BATCH RELEASE**

Name and address of the manufacturer of the biological active substance(s)

Diphtheria Toxoid:

Pfizer Inc.  
601 Cornhusker Highway, Lincoln,  
Nebraska 68521  
USA

Synthetic GnRF peptide analogue:

Auspep Clinical Peptides PTY Ltd.  
15, Mareno Road, Tullamarine, 3052  
Victoria  
Australia

GnRF analogue-protein conjugate:

Pfizer Animal Health S.A.  
1, rue Laid Burniat  
1348 Louvain-la-Neuve  
Belgium

Name and address of the manufacturer responsible for batch release

Pfizer Animal Health S.A.  
1, rue Laid Burniat  
1348 Louvain-la-Neuve  
Belgium

**B. CONDITIONS OR RESTRICTIONS OF THE MARKETING AUTHORISATION REGARDING SUPPLY OR USE**

Veterinary medicinal product subject to prescription.

The holder of this marketing authorisation must inform the European Commission about the marketing plans for the medicinal product authorised by this decision.

**C. CONDITIONS OR RESTRICTIONS OF THE MARKETING AUTHORISATION WITH REGARD TO SAFE AND EFFECTIVE USE**

Not applicable

**D. STATEMENT OF THE MRLs**

As the active substance (Gonadotropin releasing factor (GnRF) analogue-protein conjugate) is intended to produce immunity as part of an immunological veterinary medicinal product it consequently does not fall within the scope of Council Regulation (EEC) No 2377/90.

The following substances contained in the final product are included in Annex II of Council Regulation (EEC) No 2377/90 or are considered as not falling within the scope of the Regulation in accordance with the following table:

Pharmacologically active substance(s)	Animal species	Other provisions
Thiomersal	All food producing species	For use as preservatives in multidose vaccines at a concentration not exceeding 0.02%
Urea	All food producing species	
DEAE-Dextran		Not within the scope of Council Regulation (EEC) No. 2377/90 at the dose included in Improvac.
Water for injection		Not within the scope of Council Regulation (EEC) No. 2377/90.