

# Certificate of Analysis

Product: *Activyl Tick plus XLg Dog 4x900mg 301, Batch: 30108D*

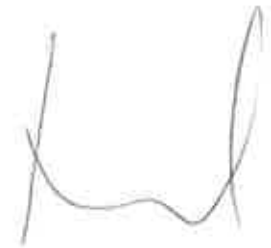
Intervet Material Number: **110454**  
 Storage Conditions: **Ambient**

Manufacturing Date: **18-Jan-2013**  
 Expiry Date: **Dec-2014**

## Results of Analysis

<u>Test</u>	<u>Specification</u>	<u>Result</u>
Description	No Visible Precipitation	Complies
Color	Clear, Colorless to Yellow or Brown	Complies
ID UHPLC-RT Indoxacarb and Permethrin	Positive	Complies
ID UHPLC-UV Indoxacarb and Permethrin	Positive	Complies
Deliverable Dose - Indoxacarb	95.0 - 105.0	97.1 %
Deliverable Dose - Permethrin	95.0 - 105.0	98.5 %
Indoxacarb % of Label Claim	95.0 - 105.0	97.8 %
Permethrin % of Label Claim	95.0 - 105.0	99.2 %
Related compounds, specified (3-PBA)	=<1.0	0.6 %
Related compounds,unspecified	=<1.0	0.0 %
Total degradation, Indoxacarb	=<1.0	0.0 %
Total degradation, Permethrin	=< 2.0	0.6 %
Propyl gallate, % of label claim	75.0 - 125.0	96.9 %
Water Content	=<0.5	0.0 %
Uniformity of Mass of Delivered Doses	Conform	Complies

The batch has been released by an authorized person.  
 Analytical method : TCF103  
 Comply with the GMP requirements and the marketing authorisation



Xavier Hospital, Qualified Person