



V.M.D nv/sa
Hoge Mauw 900
2370 Arendonk
Tel : 32 (0)14 67 20 51
Web : <http://www.inovet.eu/>
@Mail : info@inovet.eu

Certificate of analysis

P000180
Alvegesic vet 10 mg/mL, 10 mL
Batch number : 23050751
Expiry date : 11/2026
Manufacturing date : 29/11/2022

Control number : COA003419
Quality order : QQ012609/Pass

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Test	Requirements	Results
Appearance	CF Clear solution, free from visible impurities. No more intensely coloured than ref B9	CF
Density	0.990 - 1.030 g/ml	1.011 g/ml
pH :	3.7 - 4.7	4.1
Extractable volume :	CF Not less than 10,0 ml	CF
Sterility (bacterial and fungal)	CF Sterile	CF
Identification of butorphanol (HPLC)	Positive Retention time conforms to standard, absorption max at 279 +- 3nm, absorption min at 245 +- 3nm	Positive
Identification of benzethonium chloride (HPLC)	Positive Retention time conforms to standard	Positive
Assay of Butorphanol (HPLC)	9.50 - 10.50 mg/ml	10.24 mg/ml
Assay of benzethonium chloride (HPLC)	0.090 - 0.105 mg/ml	0.101 mg/ml
Known impurities : $\Sigma \leq 0.20 \%$	CF	CF
5.6-Dehydrobutorphanol t		
Unknown (single) impurity: RRT 0,32: $\leq 0,2\%$	CF	CF
Total impurities: $\leq 1,0 \%$	CF	CF

Remarks :

Test results digitally approved by Jo Wouters, on 29/06/2023
Batch disposition code RELEASED on : 29/06/2023
Electronically signed by : Leo Aerden: Qualified Person