



*30/10/2023*

**METAPHARMACEUTICAL**

N DE LOTE:

**0181023**

**MENADIONA**

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## CERTIFICATE OF ANALYSIS


CA.3034/014/11

Product name:	RONIDAZOLE	CAS Number:	[7681-76-7]
Chemical name:	(1-methyl-5-nitroimidazol-2-yl)methyl carbamate		
Molec.Formula:	C <sub>6</sub> H <sub>8</sub> N <sub>4</sub> O <sub>4</sub>	Molec.Weight:	200.2
Batch N°:	3034/30930		
Date of Manufacture:	OCT-2023	Retest Date:	SEP-2026

TESTS	SPECIFICATIONS	RESULTS
Appearance	White to yellowish-brown powder. Odourless or almost odourless.	Complies
Solubility	Slightly soluble in water, in chloroform and in ethanol (96%). Very slightly soluble in ether.	Complies
Identification		
IR Spectrum	Concordant with the reference spectrum.	Complies
UV Spectrum	Absorbance at maximum 270 nm about 0.64.	Complies
Melting point	About 167°C.	169°C
Colour of solution	A 0.5% w/v solution in methanol is not more intensely coloured than reference solution Y <sub>6</sub> .	Complies
TLC		
(1-methyl-5-nitroimidazol-2-yl)methanol	Not more than 0.5%.	Complies
Water	Not more than 0.5% w/w.	0.13%
Sulphated ash	Not more than 0.1%.	0.00%
Assay (Titration)	98.5 - 101.0% on anhydrous substance.	100.5%

nd: not detected

**NOTE:** The product meets the requirements of the current BPV monograph for Ronidazole.

<b>Q.Laboratory Manager</b> APPROVED  A. AMELLER 26/10/2023	<b>Quality Director</b> APPROVED  P. VERGE 26/10/2023
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