



Lte: 0010721

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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:	$C_6H_8N_4O_4$	Molec.Weight:	200.2
Batch N°:	3034/00882		
Date of Manufacture:	SEP-2020	Retest Date:	AUG-2023

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.	170°C
Colour of solution	A 0.5% w/v solution in methanol is not more intensely coloured than reference solution Y ₆ .	Complies
TLC		
(1-methyl-5-nitroimidazol-2-yl)methanol	Not more than 0.5%.	Complies
Water	Not more than 0.5% w/w.	0.07%
Sulphated ash	Not more than 0.1%.	0.01%
Assay (Titration)	98.5 - 101.0% on anhydrous substance.	100.4%

nd: not detected

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

Q.Laboratory Manager APPROVED  C. DE TORO 09/09/2020	Quality Director APPROVED  P. VERGE 09/09/2020
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