

## COA

Product Name		: ALBENDAZOLE (Micronised)	Pharmacopocia		IP
Pack size		: 15 Kgs			
Sr. No.	Tests	Specifications		Results	
1	Description	A white to pale bufT-colored powder.		Complies.	
2	Solubility	Freely soluble in formic acid, sparingly soluble in dimethylformamide, slightly soluble in chloroform, very slightly soluble in methanol, slightly soluble in dilute acid & insoluble in alkali.		Complies.	
3	Identification				
	i) By IR	IR spectrum of test sample should be concordant with IR spectrum of similar preparation of Albendazole of working standard.		Complies.	
	ii) By HPLC	The principal peak in the chromatogram obtained with test solution should be correspond to that in the chromatogram obtained with reference solution (b) as obtained in the related substances test		Complies	
	ii) Melting point	208 <sup>0</sup> -210 <sup>0</sup> c		209 <sup>0</sup> - 210 <sup>0</sup> C	
4	Heavy metals	Not more than 10 ppm		Complies	
5	Sulphated ash	Not more than 0.2 %. w/w		0.13%	
6	Loss on drying	Not more than 0.5 %. w/w		0.30%	
7	Related substances by HPLC				
	i) Any single impurity	Not more than 0.75 %.		0.39%	
	ii) Total impurites	Not more than 1.5 %.		1.27%	
8	Assay on dried basis [By titration ]	Not less than 98.00 % and not more than 102%		99.76%	
9	Particle size	100% < 30 microns		Complies	
		90% < 10 microns		Complies	
Remark: The material passes as per above specification.					

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