

### TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : ALBENDAZOLE , VET. GRADE  
 Shelf Life : 3 YEARS

Sr. No	Test	Specification	Observation
1	Appearance	White to Pale buff colored, Amorphous powder.	White to Pale buff colored, Amorphous powder.
2	Solubility	Freely soluble in Formic Acid.  Sparingly soluble in Di Methylformamide (DMF).  Slightly soluble in Chloroform ;  Very Slightly soluble in Methanol.  It is slightly soluble in Dilute Acids and insoluble in solutions of Alkalis.	Complies
3	Identification [IR]	The IR spectrum of the sample should be concordant with the standard spectrum of the Albendazole W.S.	Complies
4	Melting Point	Melt at about 208°C To 210°C	207°C to 210°C
5	Loss on drying	Dry at 105°C for 4 hrs ; NMT 0.5% w/w.	0.19%
6	Heavy Metals	NMT 0.002% (20 ppm)	Complies
7	Residue on ignition (Sulphated Ash)	NMT 0.20%	0.18%
8	Chromatography Purity (Related Substances ) (BY HPLC)	Single Impurity : NMT 1.30% Total Impurities : NMT 2.00%	Complies
9	pH (2% w/v suspension in Water)	Between 5.0 to 7.0	6.1
10	Assay	NLT 98.0% and NMT 102.0%	99.40%w/w
11	Particle size	95% of Powder passes through 80 Mesh	Complies

**Report :** In the opinion of the undersigned, the sample referred to above is of standard quality, as approved by DCGI (CDSCO) Ministry of Health and Family Welfare, Govt. of India.