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FORMAT NO: CA070/F/06-07

CERTIFICATE OF ANALYSIS

Product	: Albendazole USP	A.R. No.	: AFM242502736
Batch No.	: ABZA-00060125	Batch Size	: 500kg
Mfg. Date	: JAN-2025	Sampled on	: 24/01/2025
Re-test / Exp. Date	: DEC-2028	Page No.	: 01 of 01

TEST	LIMITS	RESULT
Description	White to faintly yellowish powder.	Off-white powder
Solubility	Freely soluble in anhydrous formic acid, very slightly soluble in ether and in methylene chloride, practically insoluble in alcohol and in water.	Complies
Identification		
A. I.R.	IR spectrum of the test sample should be concordant with that of Albendazole working standard	Complies
B. By TLC.	The Rf value of the principal spot of the Sample solution corresponds to that of the principal spot of the standard solution, as obtained in the test for Organic Impurities.	Complies
Residue on Ignition	NMT 0.2%	0.12%
Organic Impurities (by TLC)	0.5%, No spot, other than the principal spot of the Sample solution, is larger or more intense than the principal spot of the Standard solution.	Complies
Loss on drying	NMT 0.5 %	0.40%
Assay (By potentiometric)	NLT 98.0% to NMT 102.0% on dried basis.	99.4%
Residual Solvents by GC		
Methanol	NMT 3000 ppm	64ppm
Benzene	NMT 2 ppm	ND
Toluene	NMT 890 ppm	41ppm

Conclusion: The sample complies / Does not comply with the standard of quality prescribed in specification as per USP 2023. (Note : Class III solvents Acetic Acid and n- Propanol consider by LOD)

Sign/Date			
	Prepared by QC	Checked by QC	Approved by QA