

Certificate of analysis

Mebendazole

CAS No.	31431-39-7	Code	BIOJMBD001
Batch No	65024501	Manufacture Date	May.23, 2024
Retest Date	May.23, 2027	Quantity	8Kgs

Testing Items	Specifications	Results
Appearance	White or almost white powder	Almost white powder
Assay of Polymorphic C (IR)	$\geq 90.0\%$	100.1%
Identification (IR)	Complies with spectrum of mebendazole CRS	Complies
Related substances	Total impurities $\leq 1.0\%$ Impurity A $\leq 0.25\%$ Impurity B $\leq 0.25\%$ Impurity C $\leq 0.25\%$ Impurity D $\leq 0.25\%$ Impurity E $\leq 0.25\%$ Impurity F $\leq 0.25\%$ Impurity G $\leq 0.5\%$ Individual unspecified impurity $\leq 0.10\%$	0.1% <0.05% 0.06% <0.05% <0.05% <0.05% <0.05% <0.05%
Sulphated ash	$\leq 0.1\%$	0.05%
Residual solvents	Methanol $\leq 3000\text{ppm}$ Benzene $\leq 2\text{ppm}$	331ppm <2ppm
Loss on drying	$\leq 0.5\%$	0.1%
Assay	99.0%~101.0% (calculated on the dry basis)	99.4%
Conclusion	This product conforms to Current EP standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**