



Certificate of Analysis

Product name	Ivermectin	Manufacture date	Oct.12.2022
Batch number	FQ221012	Analysis date	Oct..13.2022
Batch quantity	300kg	Expiry date	Oct..12.2024

Items	Specifications	Testing results
Assay	$\geq 99.0\%$	99.35%
Appearance	White crystalline powder	Conform
Sieve	100% pass 80 mesh	Conform
Solubility	Practically insoluble in water, freely soluble in methylene chloride, soluble in alcohol	Conform
Identification	IR:Corresponds with that of CRS standard HPLC:The retention time for H2 B1a and H2 B1b corresponds with that standard	Conform
Apperances of solution	Clear and not more intensely colored than BY7	Conform
Loss on drying	$\leq 0.5\%$	Conform
Related substances	Total impurities $\leq 2.0\%$ Disregard limit $\leq 0.05\%$	1.0% <0.05%
Residual solvent	Ethanol $\leq 2.0\%$ Formamide $\leq 1.0\%$	1.5% 0.5%
Heavy metal	≤ 0.002	≤ 0.002
Conclusion	Conform with specifications	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst

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