



Certificate of Analysis

Product name	Mitoxantrone HCl	Manufacture date	Sep.28.2023
Batch number	SW230928	Analysis date	Sep.29.2023
Batch quantity	800kg	Expiry date	Sep.28.2025

Analysis Item	Specification	Test results
Appearance	Off-white powder	Conforms
Identification	HPLC; NMR; LC-MS	Conforms
Assay	$\geq 98\%$	99.1%
Related substances	Individual impurity $\leq 0.5\%$	0.09%
	Total impurities $\leq 1.0\%$	0.20%
Loss on Drying	$\leq 0.5\%$	0.30%
Residue on ignition	$\leq 0.1\%$	0.04%
Heavy Metal	$\leq 10\text{ppm}$	Conforms
Pb	$\leq 2\text{ppm}$	Conforms
As	$\leq 2\text{ppm}$	Conforms
Hg	$\leq 0.1\text{ppm}$	Conforms
Total Plate Count	$\leq 1000\text{cfu/g}$	Conforms
Yeast & Mold	$\leq 100\text{cfu/g}$	Conforms
E.Coli	Negative	Conforms
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place , keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 万琼

