



### Certificate of Analysis

<b>Product Name</b>	Chlortetracycline HCL	<b>Manufacture Date</b>	Apr.01.2023
<b>Batch Number</b>	SW230401	<b>Analysis Date</b>	Apr.02.2023
<b>Batch Quantity</b>	800kg	<b>Expiry Date</b>	Apr.01.2025

ANALYSIS	SPECIFICATION	RESULT
<b>Appearance</b>	Yellow crystalline powder	Conforms
<b>Identification</b>	Thin-layer Chromato Graphy As Description of EP6 R eaction of Chlorides	Conforms
<b>PH</b>	2.3-3.3	2.63
<b>Water</b>	<2.0%	0.45%
<b>Spec. Rotation</b>	-235%~- 250°	-248°
<b>Sulphate Ash</b>	<0.5%	0.14%
<b>Absorbance</b>	460nm<0.40	0.215
<b>Related Substances</b>	4-Epichlortetr cycline	Conforms
	Total of Other Impurities	Conforms
<b>Heavy Metal</b>	≤15ppm	<3ppm
<b>TC.HCL(on dried basis)</b>	≤8.0%	3. 27%
<b>CTC. HCL(on dried basis)</b>	≥89.5%	93.23%
<b>TC.HCL+CTC. HCL (on dried basis)</b>	94. 5%- 102.0%	96.62%
<b>Conclusion</b>	This product conforms to international standards	

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

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