

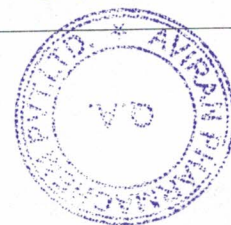
**CERTIFICATE OF ANALYSIS**

Product: ARTESUNATE IP		Page 1 of 1	
Drugs License No.: G/25/2653		A. R. No.:	: A/ARS/016/24
Batch No.	: ARS32403003	Mfg. Date	: FEB-2024
Release Batch Qty	: 20.00 Kgs.	Exp. Date	: JAN-2028

SR. NO.	TEST	RESULTS	SPECIFICATION
1.	DESCRIPTION	A White crystalline powder	A White crystalline powder
2.	SOLUBILITY	Complies	Soluble in ethyl acetate, practically insoluble in petroleum ether.
3.	IDENTIFICATION IR Spectrophotometry	Complies	The spectrum of the sample should be concordant with spectrum of working standard.
4.	pH	4.1	Between 3.5 to 4.5
5.	OPTICAL ROTATION	+5.68°	Between +4.5° to +6.5°
<b>RELATED SUBSTANCES (by HPLC)</b>			
6.	Impurity-A	0.18%	Not more than 1.0%
	Impurity-B	0.12%	Not more than 0.5%
	Impurity-C	NOT DETECTED	Not more than 0.2%
	Total impurity	0.30%	Not more than 2.0%
7.	HEAVY METAL	Complies	Not more than 20 ppm
8.	SULPHATED ASH	0.08%	Not more than 0.1%
9.	LOSS ON DRYING	0.21%	Not more than 0.5%
10.	ASSAY BY HPLC	99.54%	Between 97.0% to 102.0% (%w/w) On Dried basis

Remark: The sample Complies with prescribed standard of quality as per IP specification & Additional test.

Prepared By: QC Officer Sign/Date : <i>Rishabh</i> 04/03/2024	Checked By: QC Head Sign/Date : <i>[Signature]</i> 04/03/2024	Checked By: QA Head Sign/Date : <i>[Signature]</i> 04/03/2024
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**Semi Synthetic & Synthetic Pharma API Manufacturer**