

**TAMMAN TITOE**

Tamman Titoe Pharma Pvt Ltd  
56-57, Sidco Pharmaceutical Complex,  
Alathur-603 110, Tamilnadu.

**QUALITY CONTROL DEPARTMENT**

**Certificate of Analysis of Finished Product**

(Under Drug And Cosmetic Act. 1940 & The Rules There Under)

**Report No: TT/FG/056/24-25**

**Report Date: 17-05-2024**

Name of the product :ADR Injection 1ml  
 Generic Name :Adrenaline Bitartrate Injection I.P  
 Batch No. : AD408  
 Batch Size : 155000  
 Mfg. Date. : May-2024  
 Exp. Date. : Apr-2026  
 Quantity of Sample :100 Nos  
 Date of Sampling : 02-05-2024  
 Date of Commencement of analysis : 02-05-2024  
 Date of Completion of analysis : 16-05-2024

TEST NAME	SPECIFICATION	OBSERVATION
Description:	A clear, colourless solution.	A clear, colourless solution.
Identification:	The principal Peak in the chromatogram obtained with the test solution corresponds to that in the chromatogram obtained with the reference solution(a).	Complies to IP specification
A.In The Assay		
B.Colour reaction	The solution changes first to blue and then to red	Complies to IP specification
C. Colour reaction	A red colour is produced	Complies to IP specification
pH	2.8 to 3.6	3.43
Appearance of solution:	If any yellow colour is observed it is not more than reference solution prepared by diluting 0.4ml of 0.1M Iodine to 100ml with water.when viewed similarly.	Complies to IP specification
Extractable Volume :	NLT- 1.0 ml / Ampoule	1.1 ml
Particulate matter:	No visible particles	No visible particles
Sterility Test:	To comply as per IP	complies
Assay:	0.9 mg to 1.15mg	1.017mg
Each ml contains : Adrenaline Bitartrate I.P Equivalent to Adrenaline 1mg	90.0% - 115.0%	101.70%

**OBSERVATION:** In the opinion of the undersigned the sample referred to above is of **Standard Quality/Not Standard Quality** as in the act and the rules made there under for the reason given below.

**REMARKS :** **COMPLIES AS PER IP WITH RESPECT TO THE ABOVE TESTS ONLY CARRIED OUT.**

Analysed By: *[Signature]*  
Date: 17/05/24

Checked By: *[Signature]*  
Date: 17/05/24

