

**AMERICAN REMEDIES HEALTHCARE PVT. LTD.**

Vill. Surajpur, Nahan Road, Paonta Sahib, Dist. Sirmour (H.P) 173025

Title**:****Certificate of Analysis Finished Product**

Product Name	MUCANIX Injection	A.R. No.	ARN/FP/26/037
Generic Name	Acetylcysteine Solution USP 2ml	Sampled qty.	45 Ampoules
Batch No.	ARN2631A	Sampled by	Rakesh
Batch Size	50,000 Ampoules	Sampled on	13/07/2026
Mfg. Date	06/2026	Date of Testing	14/07/2026
Exp. Date	05/2028	Date of Release	28/07/2026

S. No.	Tests	Specifications	Observations		
1.	Description	A clear colourless solution filled in amber colour glass ampoule.	A clear colourless solution filled in amber colour glass ampoule.		
2.	Identification (By IR)	The infrared absorption spectrum of the residue, A, is concordant with the working standard spectrum of Acetylcysteine.	Complies		
3.	Nominal fill volume	NLT 2ml	2.0 ml		
4.	Extractable Volume	NLT Nominal volume or NMT 110% of Nominal volume.	2.1 ml		
5.	pH	6.0 to 7.5	7.31		
6.	Particulate Matter (A.) Light Obscuration Particle count Test (1.) Particles $\geq 10\mu\text{m}$ (2.) Particles $\geq 25\mu\text{m}$ (B.) Visible Particulate matter	NMT 6000/Ampoule NMT 600/Ampoule The solution should be essentially free from extraneous, mobile undissolved particles, other than gas bubbles, unintentionally that can be seen with naked eye.	179/Ampoule 3/Ampoule Complies		
7.	Sterility	No microbial growth should be observed.	Complies		
8.	Assay: (By HPLC) Each ml contains:				
Ingredients		Labelled Claim	Found	% of labelled amount	Limits % of labelled amount
Acetylcysteine USP		200 mg	201.46778 mg	100.73%	90.0 to 110.0%

Remarks: In the opinion of the undersigned the sample referred to above is/ is ~~not~~ of the standard quality as The Drug & Cosmetic Act 1940 and the rules made there under. Complies/~~not~~ complies as per IP/BP/USP/WHO.

Analysis by [Signature]
NAME: FIROJ KHANChecked by [Signature]
NAME: SURJEET KAURApproved by [Signature]
NAME: MRS. SWATI DHAWAN