



SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name	: Anastrozole EP Impurity F (Hydrate)	
CAS NO	: 104-15-4	
Batch No	: NA	
Date of Analysis	: NA	
Retest Date	: NA	
Structure	: <p>The image shows the chemical structure of 4-methylbenzenesulfonic acid hydrate. It consists of a benzene ring with a methyl group (-CH₃) at the para position and a sulfonic acid group (-SO₃H) at the other para position. The sulfonic acid group is shown with a sulfur atom (S) double-bonded to two oxygen atoms (O) and single-bonded to a hydroxyl group (-OH). Below the structure, the text 'H2O' is written in red, indicating the hydrate form.</p>	
Chemical Name	: 4-Methylbenzenesulfonic acid hydrate	
Molecular Formula	: C ₇ H ₈ O ₃ S : H ₂ O	
Molecular Weight	: 172.2 : 18.0g/mole	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	DMSO,METHANOL
3)	Identification 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	Purity by HPLC	NA
Long Term Storage Condition 2–8 degrees Celsius		

Prepared and Reviewed By



Ms Ashwini Gaikwad
(QC DEPARTMENT)

Approved By



Ms Komal Kapase
(QA DEPARTMENT)



Note: This is only for Analytical testing purpose, not for Human or Animal Consumption