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## Certificate of Analysis

**Product** **75453 - Pyridine (For Karl Fischer Titration), 99.5% - [110-86-1]**  
**Batch No** **3614080**  
**Analysis Date** 23-Nov-2022  
**Date of Manufacture** November 2022  
**Expiry Date/Re-Test Date** November 2027  
**Molecular Formula** C5H5N  
**Molecular Weight** 79.10

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99.5%	99.92%
Density (g/ml) @ 20°C	0.980-0.983	0.980
Refractive Index (20°C)	1.508-1.510	1.509
Boiling Range	114-116°C	114-116°C
Non Volatile Matter	max. 0.002%	0.0005%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.0005%	Passes
Ammonia (NH3)	max. 0.002%	Passes
Copper (Cu)	max. 0.0005%	Passes
Reducing Substances	Passes test	Passes
Water (KF)	max. 0.1%	0.06%

FRM/82/11/2/75453 Rev No. 1 Date 11/11/2021

Prepared by Nilam Halgekar

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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