

Certificate of Analysis

Pyridine

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28271	CAS No.	110-86-1
Brand	PureSynth	Lot No.	IOH01H
Molecular Formula	C ₅ H ₅ N	Date of Mfg.	January.2021
Molecular Weight	79.10 g/mol	Date of Exp.	December.2024

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Purity (GC-FID)	> 99.5 %	99.99 %
Identification by GC-MS	Conform to molecular mass	Conforms
Identification by IR	Conform to structure	Conforms
Identification by ¹ H NMR	Conform to structure	Conform to structure
Water by Karl-Fischer	≤ 0.05 %	0.04 %

***Traceable to USP Reference Standard 1601747, Lot no: R10900.**

Storage Condition: Store in a Room temperature and Keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.