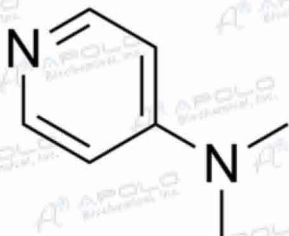


CERTIFICATE OF ANALYSIS

Product Name: N-(4-pyridyl)dimethylamine

Chemical Structure:



Lot Number: 269475CSW008903

CAT Number: APL-1122583

CAS Registry Number: 1122-58-3

Manufacture Date: 01/2023

Expiry Date: 01/2025

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.17

Storage: 2-8°C

Analysis Data

Item	Specification	Results
Appearance	Off-white to light yellow (Solid)	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity (GC)	≥ 99.00 %	99.21 %
Water (KF)	≤ 0.50 %	0.16 %
Residue on Ignition	≤ 0.50 %	0.12

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

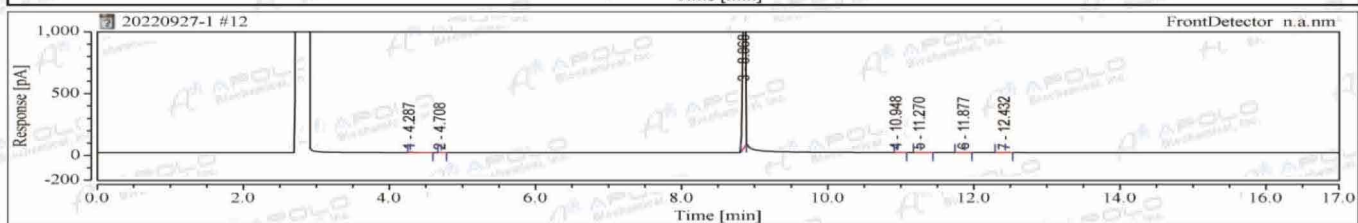
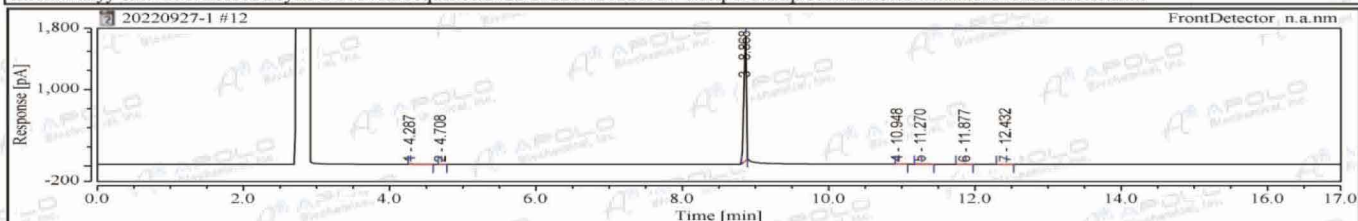
Jennifer LaBrecque 02/2023
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOL

Chromatogram and Results

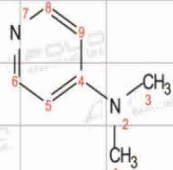
CAS NO.: 1122-58-3
Batch No.:
Vial Number: 4
Injection Type: Unknown
Instrument: GC10402
Instrument Method: GC-FQ
Processing Method: PM-LJC202209260267
seq.creation_operator: Myangby
chrom://ahyy-cm7/CM7DATA/Leyan/GC10402/Sequence/2022/202209/20220927-1.seq/635.smp/FrontDetector.channel/FrontDetector.chm

Comment: AH-GC003
Channel: FrontDetector
Wavelength: n.a.
Injection Volume: 1.00
Injection Time: 27/09/2022 17:50
InstMeth.creation_t: 11/05/2020 11:09
Last update time: 28/09/2022 13:04



No.	Retention Time min	Area pA*min	Height pA	Plates (USP)	Resolution (USP)	Asymmetry (USP)	Rel.Area %	Peak Name
1	4.287	0.259	4.272	53687	6.43	3.58	0.441	
2	4.708	0.017	0.425	108660	68.89	1.31	0.029	
3	8.868	58.164	1629.109	310784	20.83	0.64	99.216	
4	10.948	0.015	0.195	103548	2.44	2.36	0.026	
5	11.270	0.073	0.706	125224	6.16	1.42	0.125	
6	11.877	0.056	0.919	466434	7.61	0.77	0.095	
7	12.432	0.040	0.579	425795	n.a.	0.92	0.068	
Total:		58.624	1636.205		112.37			

CAS NO. : 1122-58-3, CDCL₃



¹H NMR (400 MHz, Chloroform-d) δ 8.31 – 8.15 (m, 2H), 6.51 – 6.46 (m, 2H), 3.00 (s, 6H).

