

CERTIFICATE OF ANALYSIS

Product Name: Indole-3-carboxaldehyde

Chemical Structure:



Lot Number: 1110601CSW007376

CAT Number: APL-ACPI-0487898

CAS Registry Number: 487-89-8

Manufacture Date: 05/2021

Expiry Date: 05/2024

Molecular Formula: C₉H₇NO

Molecular Weight: 145.16

Storage: 2-8°C, stored under nitrogen

Analysis Data

Item	Specification	Results
Appearance	Off-white to yellow (Solid)	Conforms
Purity (GC)	≥ 99.00 %	99.59 %
¹ H-NMR Spectrum	Consistent with the structure	Conforms

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



Jennifer LaBrecque 06/2021
Quality Assurance Manager

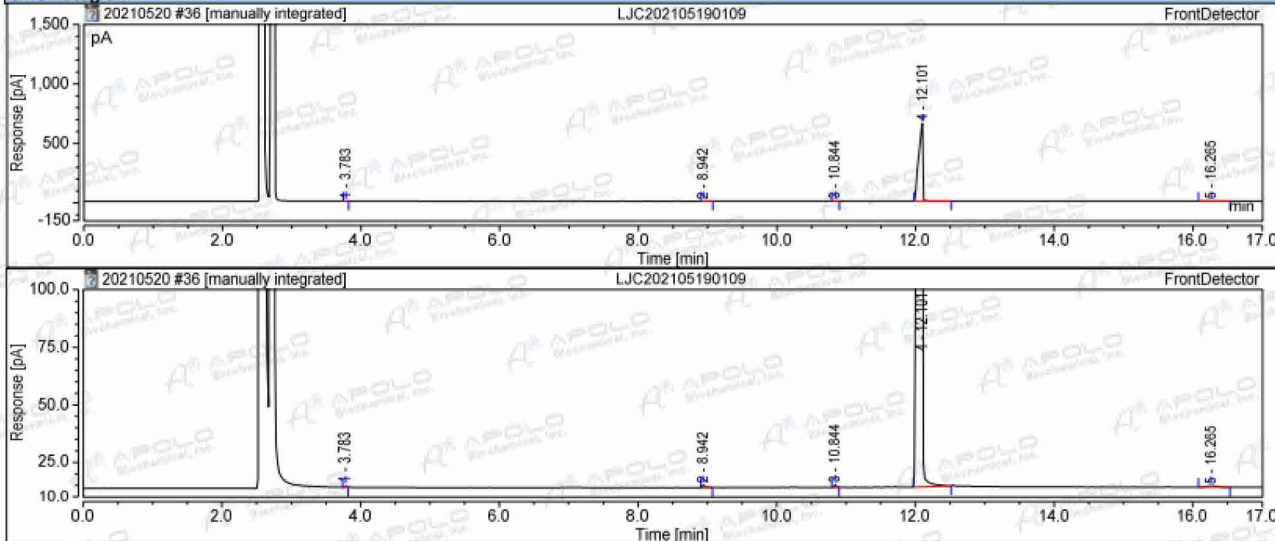
Conclusion: The above product meets the specifications of APOLO

Chromatogram and Results

Injection Details

Injection Name:	LJC202105190109	Run Time (min):	17.00
Vial Number:	14	Injection Volume:	1.00
Injection Type:	Unknown	Channel:	FrontDetector
CAS NO.:	487-89-8 (BY ACN) HP-5 A-CP-68	Wavelength:	n.a.
Instrument Method:	GC-FQ	Bandwidth:	n.a.
Processing Method:	Quantitative	Dilution Factor:	1.0000
Injection Date/Time:	21/May/21 00:27	seq.update_operator	chd2232
seq.creation_operator	chd2232	instMeth.creation_operator	ylq1768
procMeth.update_operator	chd2232	rdf.update_operator	chd2232
instMeth.creation_time	30/Jun/2020 10:13		
chm.rawpath	chrom://thermo-svr2/QR_Data/1-RND/GC-07/Sequence/2021/202105/20210520.seq/631.smp/FrontDetector.channel/FrontDetector.chm		

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area pA*s	Height pA	Relative Area %	Resolution (USP)	Plates	Tailing
1		3.783	1.2545	0.903	0.0452	n.a.	227605	1.26
2		8.942	3.2260	1.153	0.1163	113.69	366951	2.82
3		10.844	1.4910	1.288	0.0538	42.27	1963218	0.98
4		12.101	2761.5417	652.951	99.5935	10.75	56974	0.55
5		16.265	5.2988	0.553	0.1911	14.32	29469	1.13
Total:			2772.8120	656.848	100.0000		2644217	

