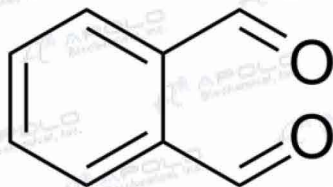


CERTIFICATE OF ANALYSIS

Product Name: Benzene-1,2-dicarboxaldehyde

Chemical Structure:



Lot Number: 1110601CSW013385

CAT Number: APL-ACPB-0643798

CAS Registry Number: 643-79-8

Manufacture Date: 10/2021

Expiry Date: 10/2024

Molecular Formula: C₈H₆O₂

Molecular Weight: 134.13

Storage: 2-8°C, stored under nitrogen

Analysis Data

Item	Specification	Results
Appearance	Light yellow to yellow (Solid)	Conforms
Purity (GC)	≥ 97.00 %	97.81 %
1H-NMR Spectrum	Consistent with the structure	Conforms
Water(KF)	< 0.5 %	0.17 %

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



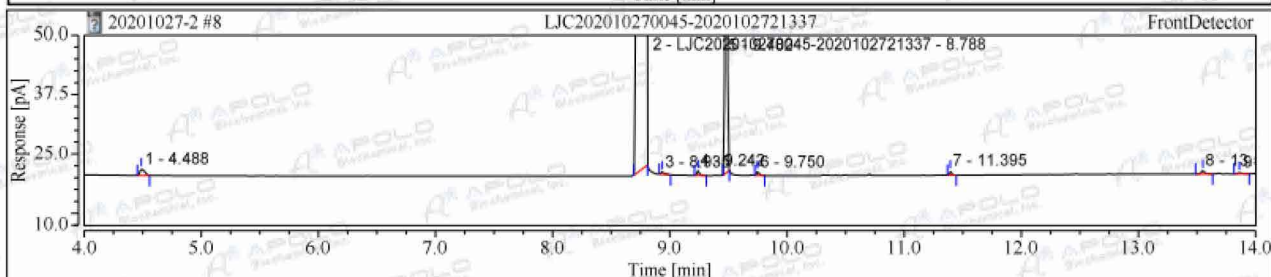
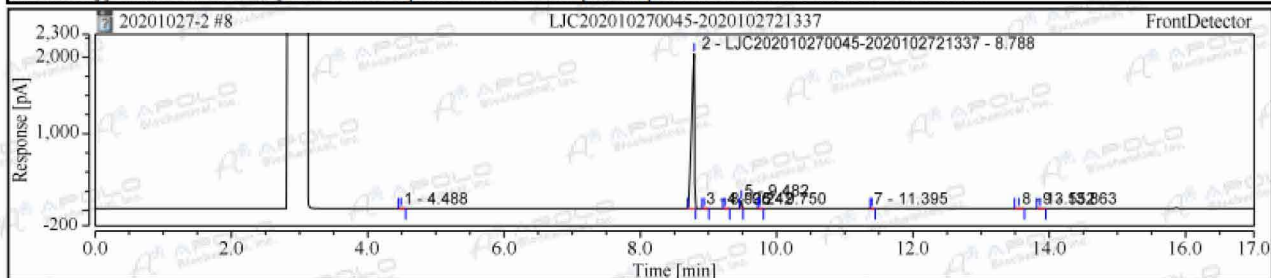
Jennifer LaBrecque 10/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

Chromatogram and Results

Injection Name:	LJC202010270045-2020102721337	Channel:	FrontDetector
Vial Number:	8	Wavelength:	n.a.
Injection Type:	Unknown	Injection Volume:	1.00
Calibration Level:	AHC008	Injection Time:	27/10/2020 17:00
Instrument Method:	GC-FQ	InstMeth.creation_time:	11/05/2020 11:09
Processing Method:	PM-LJC202010270045-2020102721337	Last update_time:	28/10/2020 09:40
seq.creation_operator	Ayuxp	Data Operator:	mlill
CAS NO.:	643-79-8	Print Operator:	Ayuxp

chrom://ahyy-cm7/CM7DATA/Leyan/AHC008/Sequence/20201027-2.seq/998.smp/FrontDetector.channel/FrontDetector.chm



No.	Retention Time min	Area pA*min	Height pA	Plates (USP)	Resolution (USP)	Asymmetry (USP)	Rel.Area %	Peak Name
1	4.488	0.063	1.400	52681	49.92	1.61	0.06	
2	8.788	97.165	2018.986	139740	2.13	0.59	97.81	010270045-202010
3	8.935	0.019	0.522	665460	7.79	2.07	0.02	
4	9.242	0.024	1.027	1118169	7.08	1.20	0.02	
5	9.482	1.993	97.859	1335484	7.79	0.95	2.01	
6	9.750	0.022	0.878	1168936	47.85	1.53	0.02	
7	11.395	0.019	0.876	1944586	51.64	1.21	0.02	
8	13.552	0.025	0.718	1137063	5.71	1.06	0.03	
9	13.863	0.013	0.289	901071	n.a.	1.45	0.01	
Total:		99.342	2122.554	8463190.000	179.91			

CAS NO. : 643-79-8, CDCL₃

