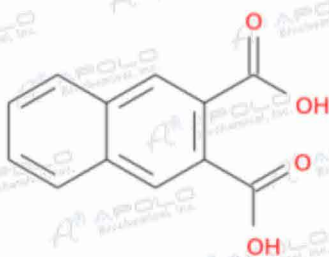


CERTIFICATE OF ANALYSIS

Product Name: Naphthalene-2,3-dicarboxylic acid

Chemical Structure:



Lot Number: AGN229867021AG003FLO

CAT Number: APL-2169871

CAS Registry Number: 2169-87-1

Manufacture Date: 12/2022

Expiry Date: 12/2024

Molecular Formula: C₁₂H₈O₄

Molecular Weight: 216.1900

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Solid	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity (NMR)	≥ 98 %	98 %

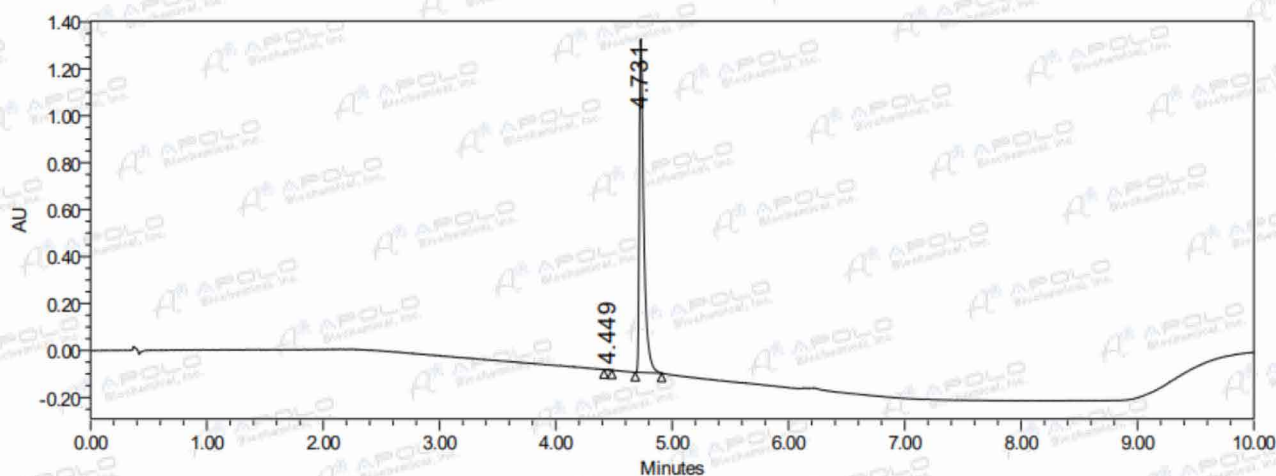
The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque 12/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

SAMPLE INFORMATION

Sample Name:	20200402-QC143633-256384	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	20170328
Vial:	1:D,3	Acq. Method Set:	20171120 TFA02
Injection #:	1	Processing Method:	20160511
Injection Volume:	0.20 ul	Channel Name:	214 nm
Run Time:	10.0 Minutes	Proc. Chnl. Descr.:	PDA Spectrum PDA 214.0 nm
Date Acquired:	4/2/2020 1:42:37 PM CST		
Date Processed:	4/2/2020 2:22:18 PM CST		

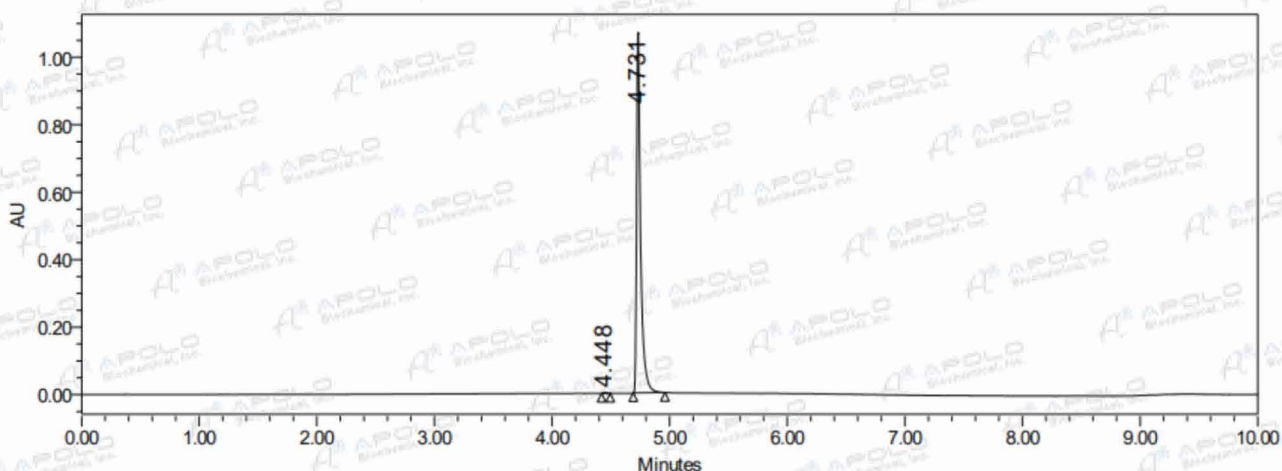


Processed Channel Descr. PDA Spectrum PDA 214.0 nm (PDA Spectrum (210-400)nm)

	RT	Area	% Area	Height
1	4.449	4542	0.12	3031
2	4.731	3836424	99.88	1420125

SAMPLE INFORMATION

Sample Name: 20200402-QC143633-256384	Acquired By: System
Sample Type: Unknown	Sample Set Name: 20170328
Vial: 1:D,3	Acq. Method Set: 20171120 TFA02
Injection #: 1	Processing Method: 20160511
Injection Volume: 0.20 ul	Channel Name: 254 nm
Run Time: 10.0 Minutes	Proc. Chnl. Descr.: PDA Spectrum PDA 254.0 nm
Date Acquired: 4/2/2020 1:42:37 PM CST	
Date Processed: 4/2/2020 2:22:24 PM CST	



Processed Channel Descr. PDA Spectrum PDA 254.0 nm (PDA Spectrum (210-400)nm)

	RT	Area	% Area	Height
1	4.448	5782	0.23	3155
2	4.731	2524716	99.77	1067838