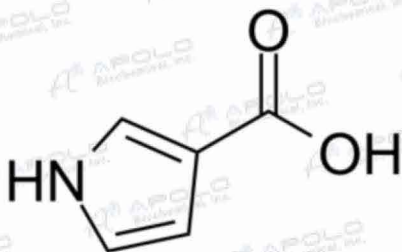


CERTIFICATE OF ANALYSIS

Product Name: Pyrrole-3-carboxylic acid

Chemical Structure:



Lot Number: 205023CSW002692

CAT Number: APL-CCPP-00931033

CAS Registry Number: 931-03-3

Manufacture Date: 09/2021

Expiry Date: 09/2023

Molecular Formula: C₅H₅NO₂

Molecular Weight: 111.10

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Light yellow to brown (Solid)	Conforms
1 H NMR Spectrum	Consistent with the structure	Conforms
Purity (HPLC)	≥ 99.00 %	99.51 %

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



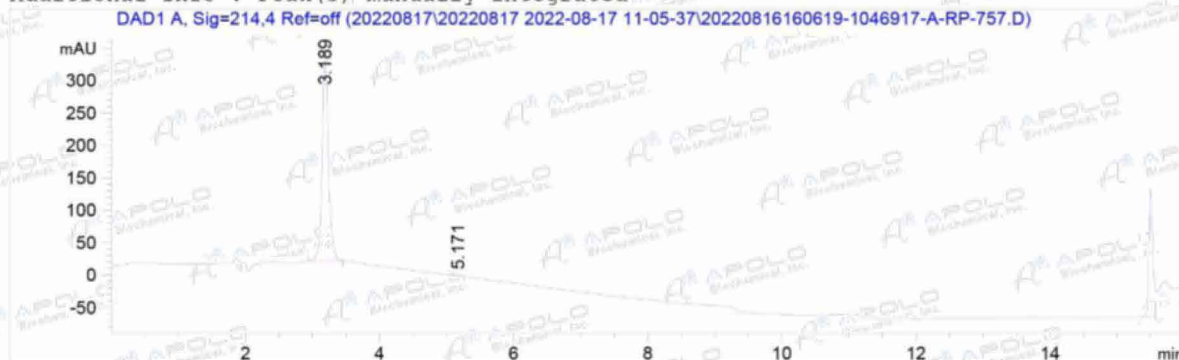
Jennifer LaBrecque 10/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

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Acq. Operator : jlw_1433	Seq. Line : 9
Acq. Instrument : LC-03	Location : P2-C-08
Injection Date : 8/17/2022 1:21:05 PM	Inj : 1
	Inj Volume : 2.000 µl
Method : D:\Chem32\1\Data\20220817\20220817 2022-08-17 11-05-37\10-90A .M (Sequence Method)	
Last changed : 8/12/2022 5:59:50 PM by jlw_1433	
Additional Info : Peak(s) manually integrated	

DAD1 A, Sig=214,4 Ref=off (20220817\20220817 2022-08-17 11-05-37\20220816160619-1046917-A-RP-757.D)



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Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=214,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.189	MM	0.1076	2082.61426	322.44049	99.5130
2	5.171	MM	0.0880	10.19276	1.93013	0.4870

Totals : 2092.80702 324.37062

*** End of Report ***

CAS NO. : 931-03-3, DMSO

