



CERTIFICATE OF ANALYSIS

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1. Identification

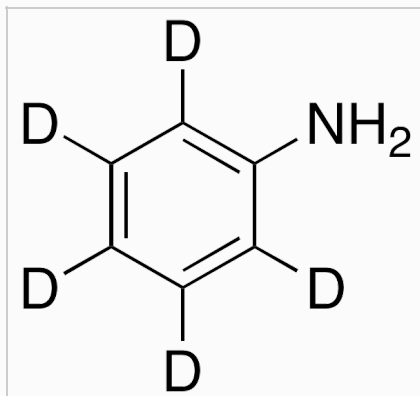
Catalogue Number: A662477

CAS Number: 4165-61-1

Product: Aniline-d5

Synonym: Benzen-2,3,4,5,6-d5-amine; 2,3,4,5,6-Pentadeuteroaniline; Phenyl-d5 amine;

Structure:



Molecular Formula:

C₆H₂D₅N

Molecular weight:

98.16

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 12-FGD-116-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Very Dark Red Oil	Clear Dark Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
GC Purity	Report Result	99.54%
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.44, %H: 7.52, %N: 14.41
Isotopic Purity	>95%	96.0%

Additional Information:

Normalized Intensity: d0 = 0.06%, d1 = 0.24%, d2 = 0.39%, d3 = 3.20%, d4 = 11.06%, d5 = 85.04%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	3/29/2023	3/27/2027