



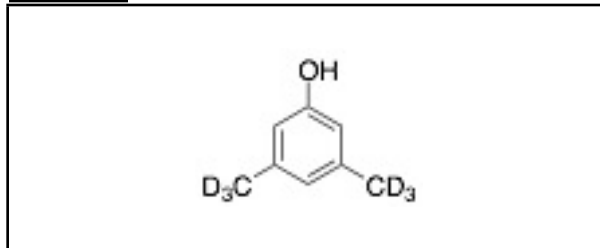
## 1. Identification

Catalogue Number

TRC-X749509

Lot Number

P-217

StructureProduct Name3,5-Dimethylphenol-d6  
(1,3,5-Xylenol-d6)Synonyms

NSC 9268-d6; 1-Hydroxy-3,5-dimethylbenzene-d6; 3,5-Xylenol-d6

CAS Number

133604-75-8

SolubilityChloroform (Slightly), Methanol  
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room  
TemperatureMolecular Formula $C_8H_4D_6O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

128.20

Purity

98%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 74.80, %H: 7.98

GC

Report Result

99.77%

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

97.9% ( $d_0 = 0.01\%$ )Additional Information

\*\*\*Material was manufactured at CDN Isotopes, an affiliate of TRC\*\*\*

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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

5/7/2020

Retest Date

5/5/2024

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance