

1. Identification

Catalogue Number

C834600

Lot Number

712056986-1-1

Product Name

Cumene Hydroperoxide (80%, Technical grade)

Synonyms

1-Methyl-1-phenylethyl Hydroperoxide; α,α-Dimethylbenzyl Hydroperoxide; 1-Methyl-1-phenylethyl Hydroperoxide; 2-Hydroperoxy-2-phenylpropane; 2-Phenyl-2-propyl Hydroperoxide; 2-Phenylpropyl Hydroperoxide; 7-Cumyl Hydroperoxide; CHP; CHP 158; CHP 5; CHP 90; CHPO; CU 90; Cumen Hydroperoxide; Cumene Hydroperoxide; Cumenyl Hydroperoxide; Cumyl Hydrogen peroxide; Cumyl

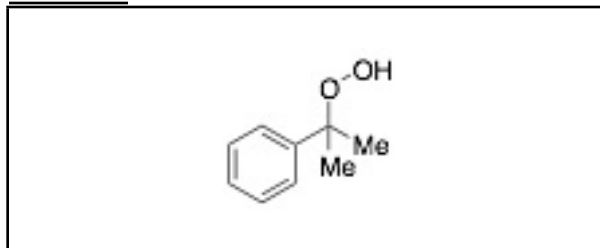
CAS Number

80-15-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₁₂O₂

Source of Product

N/A

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

152.19

Purity

Technical Grade

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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



Jessica Wang Chi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Sadaf Samadi

Quality Assurance Associate

Test Date

3/24/2025

Retest Date

3/22/2029