Certificate of Analysis

Decamethylcyclopentasiloxane

 Cat. No.:
 HY-W009051

 CAS No.:
 541-02-6

 Batch No.:
 364181

Chemical Name: Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{30}O_5Si_5$ Molecular Weight: 370.77

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

O-Si -Si-O O -Si-O Si-

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 99.51% Water(KF): 0.09%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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