

Certificate of Analysis

Compound Information

Product Name: Sodium t-butoxide

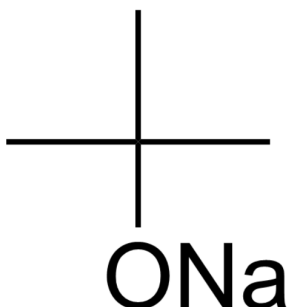
Cat. No.: 1253505

CAS No.: 865-48-5

Molecular Formula: C₄H₉NaO

Molecular Weight: 96.10

Chemical Structure:



Batch Information

Batch No.: L401385

Storage: 2-8°C, sealed storage, away from moisture

Test Date: 2024-04-15

Retest Date: 2027-04-14

Origin: Shanghai, China

QC Summary

Appearance: White to off-white (Solid)

¹H NMR Spectrum: Consistent with structure

Total Alkali Content (Calculated by C₄H₉ONa), w/%, ω/%: ≥99

Free Alkali (Calculated by Sodium Hydroxide), w/%, ω/%: ≤1.0

Solubility Test: PASS

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

Specification

White to off-white (Solid)

Consistent with structure

≥99

≤1.0

PASS

Result

White (Crystalline)

Consistent with structure

99.9

0.3

PASS

Caution: Research use only and are not intended for human use.

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