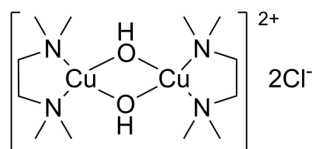


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | Cu-TMEDA catalyst |
| Cat. No.: | 1155943 |
| CAS No.: | 30698-64-7 |
| Molecular Formula: | C ₁₂ H ₃₄ Cl ₂ Cu ₂ N ₄ O ₂ |
| Molecular Weight: | 464.42 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lg0217j26 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Mfg. Date: | 2023-02-17 |
| Retest Date: | 2026-02-16 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Brown to black (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Conclusion: | The product has been tested and complies with the given specifications. |

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

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai