

## Certificate of Analysis

Date of Testing: 2022-02-17 16:23:24

Date of Next Testing: 2026-02-16 16:23:24

Product Name: 3,3'-Iminobis(N,N-dimethylpropylamine)

CAS Number: 6711-48-4

Specifications & Purity: 95%

Lot #: B2215546

SKU #: I141486

Analysis: 074887

| Parameter                               | Limit Values              | Result                    |
|-----------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                            | 95-100 (%)                | 95.54000 %                |
| Purity(Titration by HClO <sub>4</sub> ) | 94.5-105.5 (%)            | 96.80 %                   |
| Carbon by Elemental Analysis            | 62-64.5 (%)               | 62.00 %                   |
| Nitrogen by Elemental Analysis          | 21.5-22.5 (%)             | 21.50 %                   |
| Appearance (I141486)                    | colorless to brown liquid | colorless to brown liquid |
| Proton NMR spectrum                     | Conforms to Structure     | Conforms to Structure     |



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