

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2026-06-08 13:42:48

Date of Next Testing: 2028-06-08 13:42:48

Product Name: **Cetrimonium bromide**

CAS Number: 57-09-0

Specifications & Purity: For molecular biology,  $\geq 99\%$

Lot #: J2421048

SKU #: **S52660**

Version: **0**

Analysis #: **426299**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                               | Limit Values          | Result                |
|-----------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(Titration by HClO <sub>4</sub> )                                                 | 99-101 (%)            | 100.36 %              |
| Purity(Titration by AgNO <sub>3</sub> )                                                 | 99-102.5 (%)          | 102.48 %              |
| DNA precipitation test                                                                  | pass                  | Pass                  |
| DNAse Detection                                                                         | none detected         | none detected         |
| Proton NMR spectrum                                                                     | Conforms to Structure | Conforms to Structure |
| RNases                                                                                  | none detected         | none detected         |
| Solubility in H <sub>2</sub> O , Clear to Slightly Hazy (1 g + 10 mL, H <sub>2</sub> O) | pass                  | Pass                  |
| Appearance(S52660)                                                                      | white powder          | White powder          |

Quality Assurance : Xiaoyong Tan  
Quality Control : Yunfei Zou

