



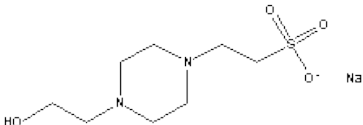
HANGZHOU DINGYAN CHEM CO.,LTD

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E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC081908022**

| | |
|--------------------|---|
| Product name | N-(2-Hydroxyethyl)piperazine-N'-2-ethanesulfonic acid, sodium salt |
| CAS Number | 75277-39-3 |
| Molecule Structure |  |
| Molecule Formula | C8H17N2NaO4S |
| Batch number | 121906001 |
| Manuf. & Exp. date | 2019/06/06 & 2021/06/06 |
| Testing date | 2019/06/07 |

| Items | Standard | Result |
|--|---------------------------|----------|
| Appearance | white powder | Conforms |
| Assay | ≥99% | 99.95% |
| Solubility | Clear, colorless solution | Conforms |
| PH(1% aq.) | 9.5-10.5 (25°C) | 10.15 |
| Water content | ≤3% | 1.21% |
| Ultraviolet absorbance (260nm 0.1M aq) | ≤0.04 | 0.03 |
| Ultraviolet absorbance (280nm 0.1M aq) | ≤0.02 | 0.01 |

Hangzhou Dingyan Chem Co., Ltd.
Quality Control: *Pals*

CHECK: 姚仙娟

INSPECTOR: 刘清风