

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
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Product Code 49137-9063  
Commodity Triethanolamine  
Grade The Japanese Standards of Quasi-Drug Ingredients  
Q'ty 20kg

| [Test Item]                 | [Standard]     | CASNo.102-71-6 |
|-----------------------------|----------------|----------------|
| ASSAY                       | 99.0 ~ 105.0 % |                |
| Appearance                  | To pass test   |                |
| Identification (1)          | To pass test   |                |
| (2)                         | To pass test   |                |
| (3)                         | To pass test   |                |
| Specific gravity (25/25 )   | 1.120 ~ 1.128  |                |
| Refractive index $n_D^{20}$ | 1.481 ~ 1.486  |                |
| Purity test                 |                |                |
| (1) Heavy metals            | max. 20 ppm    |                |
| (2) Arsenic                 | max. 2 ppm     |                |
| Ignition residue            | max. 0.05 %    |                |