

QUALITY CONTROL DEPARTMENT

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| ORDER NUMBER |
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SPECIFICATION SHEET



| PRODUCT |
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| Diethanolamine 99%, USP/NF 135840 -0355 |

| SPECIFICATION | SPECIFICATION VERSION | SPECIFICATION DATE |
|---------------|-----------------------|--------------------|
| 01882/GJ/GJ | 1.5000 | 01/01/2008 |

| PRODUCT SPECIFICATION | | | |
|-------------------------------|--------------|-------|---|
| TEST | TEST ID | UNITS | REQUIREMENTS |
| Date Heading | Date Heading | | Use By Date, Expiration Date, Retest Date, None |
| Appearance (c) | L-460 | | Clear |
| USP851 Identity IR Spectra | L-200 | | Conforms |
| USP841 Sp. Gravity 25C (n) | L-195 | | 1.085 =< Value =< 1.095 |
| USP921 Water (n) | L-1021 | % wt. | 0 =< Value =< .15 % wt. |
| USP621 Assay GC TCD&FID | L-185 | wt. % | 98.5 =< Value =< 101 wt. % |
| USP621 Triethanolamine | L-185-1 | wt. % | 0 =< Value =< 1 wt. % |
| USP 831 Refractive Index30C n | L-192 | (n) | 1.473 =< Value =< 1.476 (n) |
| USP Method 467 OVI (c) | L-1050 | | Pass |
| Country Of Origin | COUNTRY | | |
| Manufacture Name | MFG NAME | | |
| Shelf Life | SHELF LIFE | | |

| REMARKS |
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| All test methods conform to USP31/NF26 requirements. |

| DOT MARKINGS |
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| UN CODE | PACKAGING GROUP | CAS NUMBER |
|---------|-----------------|------------|
| | | 111-42-2 |

| DOT NAME |
|---------------------------|
| UN, Not DOT Regulated, PG |

| CONTAINS |
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| HAZARD TEXT |
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Important

The information on the sheet is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.