



Product:
E-Caprolactam Flake (Solid State)

Number:
EV-03

Rev.
15

Date:
2006/06/01

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| ANALYSIS | | LIMITS | | METHOD |
|----------|---|------------|----|---------------|
| 1 | Acidity (Tashiro Indicator) (Meq/Kg) | 0.05 Max. | * | MCC-0202-0726 |
| 2 | Alkalinity (Tashiro Indicator) (Meq/Kg) | 0.05 Max. | * | MCC-0202-0726 |
| 3 | Volatile basis (Meq/Kg) | 0.45 Max. | * | MCC-0202-0736 |
| 4 | Permanganate number (seconds) | 15000 Min. | * | MCC-0202-0733 |
| 5 | Iron (ppm) | 0.3 Max. | ** | MCC-0202-0785 |
| 6 | Water insoluble matter. (ppm) | 5.0 Max. | ** | MCC-0202-0784 |
| 7 | Moisture (Karl Fischer)(% in weight) | 0.10 Max. | * | MCC-0202-0782 |
| 8 | Ash (ppm) | 5.0 Max. | ** | MCC-0202-0781 |
| 9 | Color (°H)(50% aqueous sol.) | 5.0 Max. | * | MCC-0202-0734 |
| 10 | Extinction (290 nm) | 0.05 Max. | * | MCC-0202-0735 |
| 11 | Cyclohexanone Oxime (ppm) | 5.0 Max. | ** | MCC-0202-0754 |

NOTES:

* Characteristic reported in the product's Certificate of Quality.

** Characteristic eventually analyzed.



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GENERAL INFORMATION

1) Properties

| | |
|--------------------------------|--|
| Appearance Flake (solid state) | White, hygroscopic flakes, tends to cake |
| Bulk relative density, Kg/M3 | 600-700 |
| Melting point, °C | 69 |
| Boiling point, °C approx. | 270 |

2) Safety precautions

The substance is combustible (flash point 110°C) and may be absorbed into the body by ingestion and inhalation.

3) Shipping

The flake caprolactam is supplied in 25 Kg. PE bags.