

Chem-Impex International, Inc.

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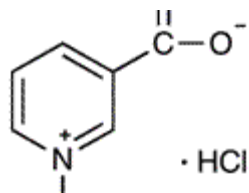
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 32536 |
| Product | Trigonelline hydrochloride 1-Methylpyridinium-3-carboxylate hydrochloride <i>N</i> -Methylnicotinic acid βine hydrochloride |
| CAS Number | 6138-41-6 |
| Molecular Formula | C ₇ H ₇ NO ₂ •HCl |
| Molecular Weight | 173.6 |

| | |
|------------------------------------|---|
| Warnings | <i>Avoid excessive heat and light!</i> |
| Appearance | White crystalline powder |
| Solubility | Clear colorless solution (100 mg/mL in water) |
| Melting Point | 259 - 261 °C |
| Elemental Analysis (Theory) | C = 47.2 - 49.6 %, N = 7.7 - 8.3 % |
| Loss on Drying | ≤ 0.5% |
| ¹H NMR | Conforms to structure |
| Assay by titration | ≥ 98% |
| Purity by HPLC | ≥ 98% |
| Storage | Store at RT |

For Laboratory Use Only