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Typical Product Specifications & Properties

L-Asparagine

CAS Number: : 70-47-3

| Specifications | Limits |
|---------------------|---|
| Molecular weight | 132.12 |
| EINECS | 200-735-9 |
| InChI | 1S/C4H8N2O3/c5-2(4(8)9)1-3(6)7/h2H,1,5H2,(H2,6,7)(H,8,9)/t2-/m1/s1 |
| InChIKey | DCXYFEDJOCDNAF-UWTATZPHSA-N |
| Melting Point | 235 °C (dec.) |
| Water solubility | 20 g/L (20 °C) |
| BRN Number | 1723527 |
| Alpha | 34.5 ° (c=10, 2N HCl) |
| Solubility | H2O: 0.1 M at 20 °C, clear, colorless |
| Stability | Stable, but may be moisture-sensitive. Incompatible with strong oxidizing agents. |
| Merck | 14,837 |
| Storage Temperature | Store at 0-5°C |



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| Specifications | Limits |
|----------------|-------------|
| Density | 1,543g/cm |
| Sensitive | Hygroscopic |



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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.