

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	45398
<b>Product</b>	<b>4,4,4-Trifluorobutyric acid</b>
<b>CAS Number</b>	406-93-9
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	142.08

---

<b>Appearance</b>	White to almost white powder to lump
<b>Melting Point</b>	31 °C
<b>Boiling point</b>	167 °C
<b><sup>19</sup>F NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 96%
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**