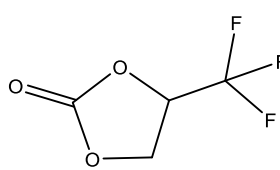


<b>Description</b>	3,3,3-Trifluoropropylene carbonate
<b>CAS</b>	167951-80-6
<b>Formula</b>	C <sub>4</sub> H <sub>3</sub> F <sub>3</sub> O <sub>3</sub>
<b>FW</b>	156.06
<b>LOT #</b>	TD7-453
<b>Purity</b>	99.9%
<b>Batch Size</b>	114 g
<b>Manufactured</b>	8-4-16
<b>Structure</b>	

Analysis	Instrument/Method	Results
<b>GC/MS</b>	Agilent 7890A/5975C Triple-Axis Agilent HP-5MS, 0.25 um, 30m x 0.250 mm 45 to 300 deg, 30 deg/min	99.94
<b>GC/FID</b>	Agilent 7890A/FID Agilent HP-5MS, 0.25 um, 30m x 0.250 mm, 45 to 300 °C, 30 °C /min	99.84
<b>Boiling Point</b>	Buchi M-565 Automatic, 0.6 Hz corrected to standard pressure	197-199
<b>KF Moisture Titration</b>	KEM MCU-610 Coulometric, WaterMark 1612/1613	n/d
<b>NMR</b>	Bruker 500 MHz, <sup>1</sup> H observed in CDCl <sub>3</sub> solution	Consistent
<b>FTIR</b>	Bruker Vertex 70, Attenuated Total Reflection	Consistent
<b>Density</b>	Mettler Toledo DM40	1.5739
<b>Flash Point</b>	Grabner MINIFLASH touch Closed cup- D6450	117.3

<sup>1</sup> By area integration.