

# Specification

## Technical Data Sheet

<b>Product Name</b>	Malonic acid
<b>Product No</b>	13843683
<b>CAS Number</b>	141-82-2
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	104.06
	<b>Specification</b>
<b>Appearance</b>	White crystalline powder
<b>Heavy metals</b>	≤ 20ppm
<b>Loss on Drying</b>	≤ 0.5%
<b>Melting Point</b>	131.5-137.0°C
<b>Appearance of Solution</b>	Clear to slightly hazy, Colourless to faint yellow and complete
<b>Assay</b>	97 - 101.5%
<b>Chloride (Cl)</b>	0.02% max

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**Purity (GC)**  $\geq 97\%$

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**Residue on Ignition**  $\leq 0.1\%$

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**Sulfate (SO<sub>4</sub>)** 0.1% max

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**Identification (IR)** Conforms to reference

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