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# Specification

## Technical Data Sheet

<b>Product Name</b>	Betamethasone
<b>Product No</b>	56898934
<b>CAS Number</b>	378-44-9
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	392.46

	<b>Specification</b>
<b>Conclusion</b>	Complies with the requirements of EP7
<b>Single Impurity</b>	<1%
<b>Acetone</b>	<5000ppm
<b>Loss on Drying</b>	<0.5%
<b>Solubility</b>	Practically insoluble in water ,sparingly soluble in anhydrous ethanol, very slightly soluble in methylene chloride.
<b>Assay</b>	(UV, basis on drying):97.0% - 103.0%
<b>Dichloromethane</b>	<600ppm
<b>Methanol</b>	<3000ppm
<b>Specific optical rotation</b>	118°- 126°
<b>Ethyl acetate</b>	<5000ppm
<b>Total Impurities</b>	<2%
<b>Chloroform</b>	<60ppm
<b>Appearance</b>	White or almost white crystalline powder
<b>DMF</b>	<880ppm
<b>Identification (B,C)</b>	Complies with standard