



Molekula Limited  
Lingfield Way  
Darlington  
County Durham  
DL1 4XX  
United Kingdom  
+44 (0) 3302 000333  
info@molekula.com

# Specification

## Technical Data Sheet

<b>Product Name</b>	Calcitriol
<b>Product No</b>	76159527
<b>CAS Number</b>	32222-06-3
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	416.64
	<b>Specification</b>
<b>Heavy metals</b>	≤20ppm
<b>Identification</b>	Conforms
<b>Loss on Drying</b>	≤0.5%
<b>Solubility</b>	Conforms
<b>Assay</b>	97.0% - 103.0%
<b>Purity</b>	≥99.0%
<b>Residue on Ignition</b>	≤0.1%
<b>Total Impurities</b>	≤1.0%
<b>Appearance</b>	White powder
<b>Triazoline adduct of pre-calcitriol</b>	≤0.5%
<b>Trans-calcitriol</b>	≤0.5%
<b>1β-calcitriol</b>	≤0.5%