



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>	Inosine
<b>Product No</b>	51213659
<b>CAS Number</b>	58-63-9
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	268.23
	<b>Specification</b>
<b>Heavy metals</b>	10ppm max
<b>Identification</b>	1)show positive reaction 2)the retention time complies to standard 3)Infraned absorption
<b>Loss on Drying</b>	1.0% max
<b>Assay</b>	98.0% to 102.0%
<b>Related Substances</b>	the total impurities surface area max 1.0% of the general peek area
<b>Residue on Ignition</b>	0.2% max
<b>Escherichia coli</b>	Should not be detected
<b>Transmittance</b>	98.0% max
<b>Total aerobic limits</b>	800cfu/g max
<b>Total mold limits</b>	80cfu/g max
<b>Appearance</b>	White crystals on crystalline powder,odorless,