



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>	Potassium dihydrogen phosphate (Monobasic)
<b>Product No</b>	42899676
<b>CAS Number</b>	7778-77-0
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	136.08

	<b>Specification</b>
<b>Conclusion</b>	Food grade according to FAO/WHO, EC and FCC
<b>Lead</b>	<1ppm
<b>AS</b>	<1ppm
<b>HG</b>	<1ppm
<b>pH</b>	4.3 ~ 4.7
<b>Cd</b>	<1ppm
<b>Loss on Drying</b>	<1% (4hrs, 105°C)
<b>Assay</b>	Min 99% m/m
<b>F</b>	<10ppm
<b>P2O5</b>	≥ 51.2%
<b>Water insoluble matter</b>	≤ 0.2%
<b>K2O</b>	≥ 33.5%
<b>Appearance</b>	White powder, hygroscopic
<b>Identity</b>	Conforms