



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

Specification

Technical Data Sheet

Product Name	Cephalexin hydrate
Product No	21740976
CAS Number	15686-71-2
Storage Temperature	2 to 8 °C
Molecular Weight	347.39

	Specification
Physical Appearance	A white or almost white crystalline powder
Water	4 - 8%
Impurity B	<1.0%
pH	4 - 5.5
Solubility	Sparingly soluble in water, practically insoluble in ethanol (96%)
Assay	95.0% to 103.0%
Specific optical rotation	149 - 158
N,N-dimethylaniline	<20ppm
Total Impurities	<3.0%
Sulfated ash	<0.2%
Any other impurity	<1.0%