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# Specification

## Technical Data Sheet

<b>Product Name</b>	Tobramycin Base
<b>Product No</b>	76303024
<b>CAS Number</b>	32986-56-4
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	467.51

	<b>Specification</b>
<b>Water</b>	8.0% max
<b>Impurity</b>	1.5% max
<b>Specific rotation</b>	+138&deg; to +148&deg;
<b>pH</b>	9.0 to 11.0
<b>Bacterial endotoxin</b>	2EU/mg max
<b>Residual solvent</b>	5000ppm max
<b>Residue on Ignition</b>	0.3% max
<b>Fungi</b>	100 fungi per 1g max
<b>Any other single impurity</b>	0.5% max
<b>Solution</b>	Clear, not more than 3bugle yellow of flavir-green
<b>Aerobic Bacterial Count</b>	1000 aerobic bacteria per 1g max
<b>Appearance</b>	White powder
<b>Largest Single Impurity</b>	1.0% max
<b>Hygroscopic Assay (Anhydrous basis)</b>	900ug/mg
<b>Esherichia coli</b>	Absence of esherichia coli per 1g