

GENTAMYCIN SULFATE – GNE-150C

SPECIFICATIONS

CAS	1405-41-0
Characters:	White or almost white powder
pH:	3.5 - 5.5
Specific optical rotation:	+107 - +121 °
Methanol:	< 1.0 %
Composition:	C1 25.0 - 50.0 % C1a 10.0 - 35.0 % C2a+C2 25.0 - 55.0 %
Water:	< 15.0 %
Sulphated ash:	< 1.0 %
Sulphate:	32.0 - 35.0 %
Sterility:	Complies with the test for sterility
Bacterial endotoxin:	< 1.67 I.U./mg
Assay:	> 590 I.U./mg
Storage:	2 – 8 °C
Stability:	At least 2 years at 2 – 8 °C

CONTACTS

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DESCRIPTION

A complex of three different closely related aminoglycoside sulfates, Gentamicins C1, C2, and C1(subA), obtained from *Micromonospora purpurea* and related species. They act to inhibit protein synthesis