

Specification

Technical Data Sheet

Product Name	Novobiocin sodium salt
Product No	51758785
CAS Number	1476-53-5
Storage Temperature	2 to 8 °C
Molecular Weight	634.61 g/mol
Specification	
Appearance	White/off white crystalline powder
Acetone - USP	≤ 5000ppm
Decarbamyl Novobiocin	≤ 6.0%
Heptane - USP	≤ 5000ppm
Impurities unspecified	≤ 1.0%
Isonovobiocin	≤ 4.0%
Isooctane - USP	≤ 5000ppm

Specification

Loss On Drying - US	≤ 6.0%
Methanol - USP	≤ 3000ppm
Microcount Bacteria	≤ 100cfu/g
Microcount Fungi	≤ 10cfu/g
Molekula Supplier ID reference	-
Novobiocin As Is Average HPLC Normal	≥ 845ug/mg
Novobiocin Dried Basis HPLC Normal	≥ 850ug/mg
Novobiocin-2,3-Carbonate	≤ 0.5%
pH - USP	6.5 - 8.5
Residual Novobiocin Acid	≤ 2.0%
Residual Solvents Total	≤ 27000ppm
Residue On Ignition Dried Basis - USP	10.5 - 12.0%
Specific Rotation Dried Basis - USP	-58 to -50°
Unknown B (RRT approx. 0.3)	≤ 0.5%
Colour in solution	≤ 0.4
Impurities Total	≤ 12.0%