

Code No.14-0909

SPECIFICATION

Novobiocin Sodium Salt

for Cellbiology

REQUIREMENT	SPECIFICATION
Appearance	White ~ pale yellowish brown, crystalline
Solubility in water	powder ~ powder to pass test
Specific rotation $[\alpha]_{D20}(c=5, \text{dil.HCl-CH}_3\text{OH})$ (calculated on the dried basis)	under investigation
Loss on drying at 60°C over phosphorus(V) oxide in vacuum	under investigation
Residue after ignition (as sulfate)	under investigation
pH of a 25g/L solution at 25°C	under investigation
Potency (calculated on the dried basis)	min.850 $\mu\text{g}/\text{mg}$
Assay (HPLC)	min.95.0%