

Specification

Technical Data Sheet

Product Name	S-(-)-Nicotine
Product No	90028684
CAS Number	54-11-5
Storage Temperature	Ambient
Molecular Weight	162.23
	Specification
Appearance	Colourless to brown viscous liquid
Specific rotation	-140 to -152
Water	2.5% typical
Assay (anhydrous basis)	99.8% anhydrous
beta-nicotyrine	≤0.05%
Nicotine	≥95.0%
Anabasine	≤0.05%

Specification

Anatabine	≤0.05%
Any Unspecified Impurity	≤0.05%
Assay(Hydrate)	>95% typical >97%
Nicotine-cis-N-Oxide	see total Nicotine-N-Oxide below (<0.05%)
Nicotine-trans-N-Oxide	see total Nicotine-N-Oxide below (<0.05%)
Nornicotine	≤0.05%
Total Impurities (spec. and unspec.)	≤0.25%
Total Nicotine-N-Oxides	≤0.05%
