

TECHNICAL SPECIFICATION



Nicotine Pharma Grade Eur. Ph.
CAS No: 54-11-5

A-Sense Sp. z o.o.
ul. I. Mościckiego 1, 24-110 Puławy
NIP 95122715

Date of manufacturing	
Date of expiry	
Date of release	
Batch number	

Specification	Result
Character: Appearance (Visual test) Colourless liquid, volatile, higroscopic	Conforms
Solubility (Visual test) Soluble in water Miscible with anhydrous ethanol	Conforms
Specific optical rotation $[\alpha]^{20}_D$ (Polarimeter) (-)140° to (-)152°	(-) 147°

	Min/Max	RESULT
Nicotine, % (m/m) – GC/MS	99,5%*	conforms
Water, % (m/m) - titration	max 0,5%	conforms
Anatabine	max 0,3%	conforms
β -nikotirine	max 0,3%	conforms
Cotinine	max 0,3%	conforms
Myosmine	max 0,3%	conforms
Nicotine N'-oxide	max 0,3%	conforms
Nornicotine	max 0,3%	conforms
Anabasine	max 0,3%	conforms
Unspecified impurities	max 0,1%	conforms
Total impurities	max 0,8%	conforms
Appearance	colourless	colourless

*water content not included

Product corresponds with the requirements of current European Pharmacopoeia.
Product made in Poland

Notice: packed in argon, subject to oxidation when open.
Notice: store in cold and dark place, without contact with oxygen, oxidizing agents or air.

Prepared by

Checked by