Acros Organics BV (Thermo Fisher Scientific)
Janssen Pharmaceuticalaan 3a
Geel,
2440, Belgium

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	42699
Lot Number	338345
Description	(R)-(+)-3-(Dimethylamino)pyrrolidine,98%
CAS Number	132958-72-6
Quality Test/Release Date	06/Apr/2025
Suggested retest date	06/Apr/2030
Country of Origin	UNITED STATES OF AMERICA
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to yellow	Clear yellow
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
Specific optical rotation		+12° to +16° (20°C, 589 nm) (c=1, ethanol)	+14.2° (20°C, 589 nm) (c=1, ethanol)
GC	%	>=97.5	99.4
NMR (1H-NMR)			Consistent with structure

Geert Torfs
Supervisor, QC

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.