BACHEM
PIONEERING PARTNER FOR PEPTIDES

Analytical Data Sheet

Lot number **1076014**
not for drug use

Catalog number	**F-2370.0250**
Product number	**4012429.0250**
Product	**N- Me- cis- Hyp- OH**
Molecular formula	$C_6H_{11}NO_3$
Relative molecular mass	145.16

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in water)
Identification (elemental analysis)	Theory Found C = 49.7 % C = 49.3 % H = 7.6 % H = 7.8 % N = 9.7 % N = 9.6 %
Identification (TLC)	complies with authentic material
Melting point	193 °C
Specific optical rotation	$[\alpha]_D^{24}$ = - 71.2 ° (1 % in water)
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H_2O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F_{254} detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Nth 9.65 %, Nfd 9.59 %)