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Product Specifications

Catalogue Number	06005
Product	<i>O</i>-Benzyl-D-threonine amide hydrochloride
	D-Thr(Bzl)-NH ₂ •HCl
CAS Number	201275-09-4
Molecular Formula	C ₁₁ H ₁₆ N ₂ O ₂ •HCl
Molecular Weight	244.72

Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/ml in MeOH)
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 Ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 Chloroform/methanol/acetic acid 32% 5/3/1 Plate: Silicage 60 F ₂₅₄ Detected: UV, ninhydrin, chlorine-tolidine
Titration	≤ 15% Chloride content (AgNO ₃)
Assay	≥ 99% (Nth 11.45% by elemental analysis)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only