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Certificate of Analysis

Catalogue Number	08498
Lot Number	000127-1040173
Product	<i>N</i>^δ-4,4'-Dimethoxydityl-L-glutamine methyl ester hydrochloride L-Gln(Dod)-OMe•HCl
CAS Number	28252-55-3
Molecular Formula	C ₂₁ H ₂₆ N ₂ O ₅ •HCl
Molecular Weight	422.91

Appearance	White product
Solubility	Clear, colorless solution (50 mg/ml in methanol)
Melting Point	178 °C
Elemental Analysis (Theory)	C = 59.13%; H = 6.40%; N = 6.57% (calculated as x 1.1 HCl (9.1% Cl))
Elemental Analysis (Found)	C = 58.89%; H = 6.39%; N = 6.37% (calculated as x 1.1 HCl (9.1% Cl))
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(98-100%)/H ₂ O (45:13:1:2) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Titration	Chloride content: 9.5%
Purity by TLC	> 99%
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager