

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	04351
Product Name	Ac-Gln(Trt)-OH N-Acetyl-N ^α -trityl-L-glutamine
Lot Number	4351-040700-V
Molecular Formula	C ₂₆ H ₂₆ N ₂ O ₄
Molecular Weight	430.51
Appearance	White powder
Melting Point	178-190°C
Optical Rotation	α _D = -3.3°C (C=1 DMF)
Chromatography	CH ₂ Cl ₂ :Methanol:AcOH: 85:15:5 Rf=0.52(Single spot) EtAc:Butaol:AcOH: Water 1:1:1:1 Rf=0.82 (Single spot)
HPLC	Purity 99.0 %, Vydac C ₁₈ column, gradient elution 50-95% B , t _R 6.4 min, λ=214 nm, flow rate 1ml/min, injection 1 μl of 0.5% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (83:17:0.38)
Purity	99%
Storage	Store at 0-5°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

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



Sashi Kumar
Quality Control Manager

