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Certificate of Analysis

Catalogue Number	07481
Lot Number	000127-1026445
Product	Z-L-glutamic acid γ-benzyl ester α-N-hydroxysuccinimide ester Z-L-Glu(OBzl)-OSu
CAS Number	67413-34-7
Molecular Formula	C ₂₄ H ₂₄ N ₂ O ₈
Molecular Weight	468.46

Appearance	Colorless oil
Appearance of Solution	Clear, colorless solution (50 mg/mL in acetone)
Water Content (Karl Fisher)	0.4%
TLC System	Chloroform/MeOH/Benzene/H ₂ O (8:8:8:1) Chloroform/MeOH/Acetic Acid (90:8:2) Chloroform/ethylacetate/Acetic Acid (50:50:2) Plate: Silica gel 60 F ₂₅₄ Detected by UV, ninhydrin, chlorine-tolidine
Residual Solvents	9.2% (acetone)
Related Substances	< 0.5% dicyclohexylurea
Assay	90.3% (Nth 5.98%, Nfd 5.40%)
Purity by TLC	~ 97% (decomposes)
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