



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-407
Product Name	Bz-Arg-OH Benzoyl-L-arginine
Lot Number	0542605
CAS Registry Number	154-92-7
Molecular Formula	C ₁₃ H ₁₈ N ₄ O ₃
Molecular Weight	278.3
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Specific Rotation (α^24_D)	-08.75° (1%, DMF, Water)
CHN-Analysis	calc. as HCl (15.2%)
Elemental Analysis (Found)	C 55.88%, H 6.62%, N 20.00%
Elemental Analysis (theory)	C 56.10%, H 6.52%, N 20.13%
Assay (TLC)	Purity by TLC.....>99%
Chloroform/Methanol/Acetic acid 32% (v/v/v) 5/3/1	detected by: UV, Ninhydrin, Chlorine-tolidine
Ethylacetate/Pyridine/Acetic acid /H ₂ O 6/5/13 (v/v/v/v)	
n-Butanol/Acetic acid/H ₂ O 4/2/2 (v/v/v)	
Plate Silicagel 60 F ₂₅₄	
Water Content	0.7%
D-Enantiomer Content	4.5%
Storage	Store at -0°C.