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Certificate of Analysis

Catalog Number	06398
Product Name	Z-Arg(Mbs)-OH·DCHA Z-N ^ω -(4-methoxybenzenesulfonyl)-L-arginine dicyclohexylammonium salt
Lot Number	1022277
CAS Registry Number	58810-11-0
Molecular Formula	C ₂₁ H ₂₆ N ₄ O ₇ S·C ₁₂ H ₂₃ N
Molecular Weight	659.81
Appearance	White powder with lumps
Solubility	Clear, colorless solution (50 mg/ml in MeOH)
Melting point	108 °C
Identification by ESI-MS	M = 659.7u
Identification (elemental analysis)	Calc. as 1 DCHA (24.44%) x 0.4 water (0.97%) x 0.85 EtOAc (10.08%) Theory: C = 58.93%, H = 7.69%, N = 9.44% Found: C = 59.11%, H = 7.41%, N = 9.55%
Identification (TLC)	Complies with authentic material
Assay by TLC	> 98% Plate: Silicagel 60 F ₂₅₄
CHCl₃/benzene/H₂O (8/8/8/1)	
Methylenchloride/methanol (7/3)	Detected by: UV, Ninhydrin, Chlorine-Tolidine
CHCl₃/MeOH/acetic acid (98 – 100%)/H₂O (45/13/1/2)	
Water content (KF volumetric)	0.9%
Residual organic solvents (GC)	10.3% ethylacetate
General comment	Product supplied as a dicyclohexylammonium salt
Storage	Store at RT.
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

Sashi Kumar
Quality Control Manager