

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

Product Specifications

| | |
|------------------------------------|--|
| Catalogue Number | 02132 |
| Product | <i>N^α-Z-N^ω-(4-methoxy-2,3,6-trimethylbenzenesulfonyl)-L-arginine</i> Z-L-Arg(Mtr)-OH•CHA |
| CAS Number | 80745-09-1 |
| Molecular Formula | C ₂₄ H ₃₂ N ₄ O ₇ S•C ₆ H ₁₃ N |
| Molecular Weight | 619.8 |
| <hr/> | |
| Appearance | White to off-white powder |
| Color (APHA) | 7 - 9 |
| Solubility | Clear solution, no notable particles (C=1 in AcOH/DMF 1:4) |
| Solubility (Turbidity) | ≤ 1.0 NTU (C=1 in AcOH/DMF 1:4) |
| Water Content (Karl Fisher) | ≤ 1.0% |
| Optical Rotation | [α] ²⁰ _D = 6.5 ± 0.5 ° (C=1 in MeOH) |
| Infrared Spectrum | Conforms to structure |
| Residual Solvents | ≤ 1.0% |
| Assay by titration | ≥ 85% |
| Chiral HPLC | ≥ 99.5% (ee) |
| D-Enantiomer | ≤ 0.5% |
| Purity by HPLC | ≥ 99% |
| Purity by TLC | ≥ 99% |
| Storage | Store at 0 - 8 °C |

Product Specifications

Catalog Number: 02132

For Laboratory Use Only