

# Chem-Impex International, Inc.

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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

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## Certificate of Analysis

<b>Catalogue Number</b>	38039
<b>Lot Number</b>	003483-0060523
<b>Product</b>	<b>Mefenamic acid</b> <i>N</i> -(2,3-Dimethylphenyl)anthranilic acid Mefanacid
<b>CAS Number</b>	61-68-7
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>15</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	241.29

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<b>Appearance</b>	Almost white microcrystalline powder
<b>Solubility</b>	Practically insoluble in water, slightly soluble in ethanol (96%) and methylene chloride. It dissolves in dilute solutions of alkali hydroxides
<b>Cation</b>	Copper (Cu) : < 10 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.26%
<b>Related Substances</b>	Impurity A : 0.09 ppm Impurity C and D : Not detected Unspecified impurity : 0.03% Total impurity : 0.12%
<b>Sulfated Ash</b>	0.06%
<b>Assay</b>	99.6% (On dried basis)
<b>Grade</b>	Meets BP Specification
<b>Storage</b>	Store at 2 - 8 °C
<b>Remarks</b>	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