

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|-----------------------------------------------------------------------------------|
| Catalogue Number | 22152 |
| Lot Number | 003443-22-23-003 |
| Product | Indomethacin 1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-3-indoleacetic acid |
| CAS Number | 53-86-1 |
| Molecular Formula | C ₁₉ H ₁₆ ClNO ₄ |
| Molecular Weight | 357.79 |

| | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Appearance | White to pale yellow, crystalline powder |
| Solubility | Practically insoluble in water, sparingly soluble in alcohol |
| Odor | Odorless or almost odourless |
| Melting Point | 161.2 °C |
| Heavy Metals | < 20 ppm |
| UV Ratios | Absorption at λ _{max} . 318 nm : 174.4 |
| Loss on Drying | 0.22% |
| Related Substances | Related compound A : Not detected Related compound B : 0.010% Any individual impurity : Not detected Total impurities : 0.043% |
| Residue On Ignition | < 0.2 |
| Sulfated Ash | 0.05% |
| Assay | 99.83% (On dried basis) |
| Grade | Meets USP Specification |
| Storage | Store at 2 - 8 °C |
| Additional Information | Identification : Infrared spectrum : Conforms to structure |

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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