

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01634
<b>Lot Number</b>	002704-50112303025
<b>Product</b>	<b>Trimethoprim</b> 2,4-Diamino-5-(3,4,5-trimethoxybenzyl)pyrimidine 5-(3,4,5-Trimethoxy-benzyl)pyrimidine-2,4-diamine
<b>CAS Number</b>	738-70-5
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	290.3

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<b>Appearance</b>	White or yellowish-white powder
<b>Melting Point</b>	199 - 200 °C
<b>UV Ratios</b>	Absorptivities calculated on the dried basis, differ by : < 3%
<b>Loss on Drying</b>	0.1%
<b>Related Substances</b>	Impurity E : Not detected Impurity B : Not detected Impurity F : 0.04% Any other impurity : 0.02% Total impurities : 0.09%
<b>Residue On Ignition</b>	0.03%
<b>Assay</b>	99.6% (On dried basis)
<b>Grade</b>	Meets USP Specification
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identification : Passes test Infrared spectrum : Conforms to structure
<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