



## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>Meropenem, USP Grade</b> C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub> S, M.W. 383.46, CAS# [96036-03-02]
<b>PRODUCT NUMBER:</b>	M-1215
<b>LOT NUMBER:</b>	B1605
<b>APPEARANCE:</b>	Off-white to yellowish crystalline powder
<b>IDENTIFICATION:</b>	Conforms (positive)
<b>pH:</b>	5.1
<b>SPECIFIC ROTATION:</b>	-19.0°
<b>MOISTURE:</b>	12.3%
<b>RESIDUE ON IGNITION/ SULFATED ASH:</b>	0.07%
<b>HEAVY METALS:</b>	≤ 10ppm
<b>LIMIT OF ACETONE:</b>	0.04%
<b>CHROMATOGRAPHY PURITY:</b>	Any two major impurities: 0.11%; 0.16% Single impurity: 0.09% Total impurities: 0.14%
<b>ASSAY (on dried basis):</b>	99.3%

# A.G. Scientific, Inc.

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## STORAGE & HANDLING:

Keep cool and dry at -20°C.

WARNING: **HARMFUL!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: DD