

Certificate of Analysis

PRODUCT:	Guanidine Hydrochloride CH₅N₃-HCl, M.W. 95.5, CAS# [50-01-1]
PRODUCT NUMBER:	G-2589
LOT NUMBER:	L1209
APPEARANCE:	White Crystalline Powder
ASSAY (Tritation dried basis):	99.7%
COPPER (Cu):	≤ 1 ppm
DNase, RNase, protease:	Not Detected
FREE ACID:	0.002%
HEAVY METALS (as Pb):	≤ 0.5 ppm
IDENTIFICATION (IR):	Conforms
IRON (Fe):	0.5 ppm
LOSS ON DRYING:	0.30%
MELTING POINT:	188°C
pH (10% solution in H₂O @25 °C):	5.9
RESIDUE ON IGNITION:	0.03%
SOLUBILITY (6% Solution in H₂O):	Clear
UVA (230nm, 6M H₂O solution):	0.07
UVA (240nm, 6M H₂O solution):	0.02
UVA (260nm, 6M H₂O solution):	0.01
ZINC (Zn):	0.03
STORAGE & HANDLING:	Store at RT

CAUTION: For research 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: EV