

Certificate of Analysis

Product Name: GUANIDINE NITRATE
98 %
Product Number: 234249
Product Brand: Aldrich
Molecular Formula: CH₅N₃ • HNO₃
Molecular Mass: 122.08
CAS Number: 506-93-4

TEST	SPECIFICATION	LOT 1378794V RESULTS
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	POWDER OR GRANULAR POWDER AND/OR CHUNKS	GRANULAR POWDER
TITRATION (NT) HClO ₄ 0.1M	97.5 - 102.5 %	99.9 % GEW.
SOLUBILITY (COLOR)	COLORLESS	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR TO VERY SLIGHTLY HAZY	CLEAR (<3.5 NTU)
SOLUBILITY (METHOD)	50MG/ML (5%) H ₂ O	--
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
QC RELEASE DATE	14/FEB/08	



Edeltraud Schwärzler, Manager
Quality Control
Buchs, Switzerland

Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.