

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36050
Lot Number	002846-20190823
Product	1,4,7,10-Tetraazacyclododecane-1,4,7,10-DOTA
CAS Number	60239-18-1
Molecular Formula	C ₁₆ H ₂₈ N ₄ O ₈ •xH ₂ O
Molecular Weight	404.42

Appearance	White powder
Anion	Total halogen : < 200 ppm
Water Content (Karl Fisher)	8.5%
Loss on Drying	0.08%
Residual Solvents	Alcohol : 31 ppm
Related Substances	339001M03(Glycolic acid) : 0.01% Total impurities(RS1+RS2) : 0.2%
Assay by titration	99.8% (On dry basis)
Storage	Store at RT
Additional Information	339002P01: 0.04% 339002P02 : Not detected 339002P03 : Not detected 339002P04 : Not detected 312301(1,4,7,10-Tetraazacyclododecane) : Not detected Maximum single unknown impurity : 0.05%

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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