

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 21983
Product **Putrescine dihydrochloride**

Lot Number 002427-150211
1,4-Butanediamine dihydrochloride
1,4-Butanediammonium dichloride

CAS Number 333-93-7
Molecular Formula C₄H₁₂N₂•2HCl

Molecular Weight 161.08

Appearance White crystalline powder
Heavy Metals < 20 ppm
Anion Sulfate (SO₄²⁻): < 0.02%
Cation Iron (Fe): < 0.002%
Yeast and Mold < 100 cfu/g
Loss on Drying 0.19%
E. Coli Negative
Salmonella Negative
Residue On Ignition 0.11%
Assay 99.26%
Application Polyamine growth regulator
Storage Store at 0-8 °C
Additional Information Total plate count: < 1000 cfu/g

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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