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Product Specification

Product Name:

Putrescine dihydrochloride – γ -irradiated, lyophilized powder, BioXtra, suitable for cell culture

Product Number:

P6024

 $\text{NH}_2\text{-(CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{)}_3\text{-NH}_2 \cdot 2\text{HCl}$

CAS Number:

333-93-7

MDL:

MFCD00012526

Formula:

 $\text{C}_4\text{H}_{12}\text{N}_2 \cdot 2\text{HCl}$

Formula Weight:

161.07 g/mol

TEST	Specification
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Appearance (Color)

White

Appearance (Form)

Powder

Solubility (Color)

Colorless

Solubility (Turbidity)

Clear

0.16 mg/mL in Tissue Culture Medium.

Purity (HPLC)

 $\geq 97\%$

Cell Culture Test

Pass

2 of 3 lines are $>$ or $=$ 50% of control.

Sterilized (Gamma Irradiated)

Pass

Certificate of Gamma Processing Received

Irradiation dose 25.0 to 35.0 kGy

Specification: PRD.1.ZQ5.10000062688

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.