

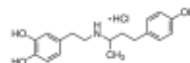
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## Product Specification

Product Name:  
Dobutamine hydrochloride -  $\geq 98\%$

Product Number: **D0676**  
CAS Number: 49745-95-1



Formula:  $C_{18}H_{23}NO_3 \cdot HCl$   
Formula Weight: 337.8 AMU

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Ethanol
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Elemental Anal. (%C anhydrous)	62.50 - 65.50 %
Elemental Anal. (%N anhydrous)	3.90 - 4.50 %
NMR (Solvent)	CD3OD
Identity by NMR	Consistent
Purity (TLC)	$\geq 98.00\%$
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001750

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.