

# Certificate of analysis

Product No.: H27047  
Product: (+/-)-1-Benzyloxycarbonyl-4-Boc-piperazine-2-carboxylic acid, 97%  
Lot No.: 10155037

Appearance: White powder  
Melting Point: 149.5-151.5°C (dec)  
Assay (Aqueous acid-base titration): 97.6%  
Assay (HPLC): 98.7%

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