




## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Puromycin Dihydrochloride</b>
<b>Source</b>	From Streptomyces alboniger
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>29</sub> N <sub>7</sub> O <sub>5</sub> ·2HCl
<b>Molecular Weight</b>	544.43
<b>CAS Number</b>	58-58-2
<b>Lot Number</b>	PU103
<b>Test</b>	<b>Results</b>
<b>Appearance</b>	<b>White powder</b>
<b>Solubility*</b>	<b>H<sub>2</sub>O: Clear colorless solution at 50mg/ml</b>
<b>TLC (NP, CH<sub>2</sub>Cl<sub>2</sub>, methanol 7:3)</b>	<b>99%</b>
<b>TLC (RP C18, methanol, H<sub>2</sub>O 9:1)</b>	<b>99%</b>
<b>Detection: Spray with H<sub>2</sub>SO<sub>4</sub> and heat</b>	
<b>HPLC</b>	<b>99.10%</b>
<b>Melting point</b>	<b>182°C</b>
<b>Extinction coefficient</b>	<b>20569</b>

\*Puromycin Dihydrochloride may be soluble in other solvents.

Expiration date: February 2019

February 23, 2016




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