

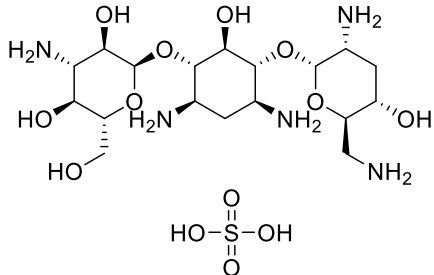


## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
561624	Tobramycin Sulfate	C23B08B18

<b>Chemical name</b>
(2S,3R,4S,5S,6R)-4-Amino-2-[[[(1S,2S,3R,4S,6R)-4,6-diamino-3-[[[(2R,3R,5S,6R)-3-amino-6-(aminomethyl)-5-hydroxyoxan-2-yl]oxy]-2-hydroxycyclohexyl]oxy]-6-(hydroxymethyl)oxane-3,5-diol Sulfate

<b>Synonyms</b>
Dartobcin; Nebcine; Tobraneg; Tobrasix

<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 561624 Name: Tobramycin Sulfate CAS#: 49842-07-1 Lot#: C23B08B18 Chemical Formula: C <sub>18</sub> H <sub>39</sub> N <sub>5</sub> O <sub>13</sub> S Molecular Weight: 565.59

Analysis item	Specifications / Results
<b>Appearance</b>	White to off white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>95.0%
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 3 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**