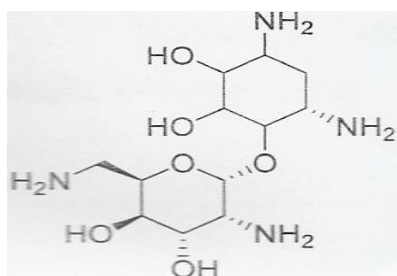


## CERTIFICATE OF ANALYSIS

Reference Substance

Date

**Neamine**
**Batch No.:**
**IUPAC Name:** (1R,2R,3S,4R,6S)-4,6-Diamino-2,3-dihydroxycyclohexyl 2,6-diamino-2,6-dideoxy- $\alpha$ -D-glucopyranoside

 Molecular Formula: C<sub>12</sub>H<sub>26</sub>N<sub>4</sub>O<sub>6</sub>

Molecular Weight: 322.36g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White Solid	-----
2	Purity by HPLC	98.18%	Chromatogram attached
3	MASS	Conform	Report attached
4	NMR	Conform	Report attached

**Storage condition:** Store at 2-8°C and protect from moisture.

**Shipment date:**

This certificate of analysis is valid for One year from date of manufacturing provided the substance is stored under suitable conditions.

**Date of manufacturing:**
**Retest Date:**

Document data reference:

*Prepared by*
*Reviewed by*
*Approved by*