

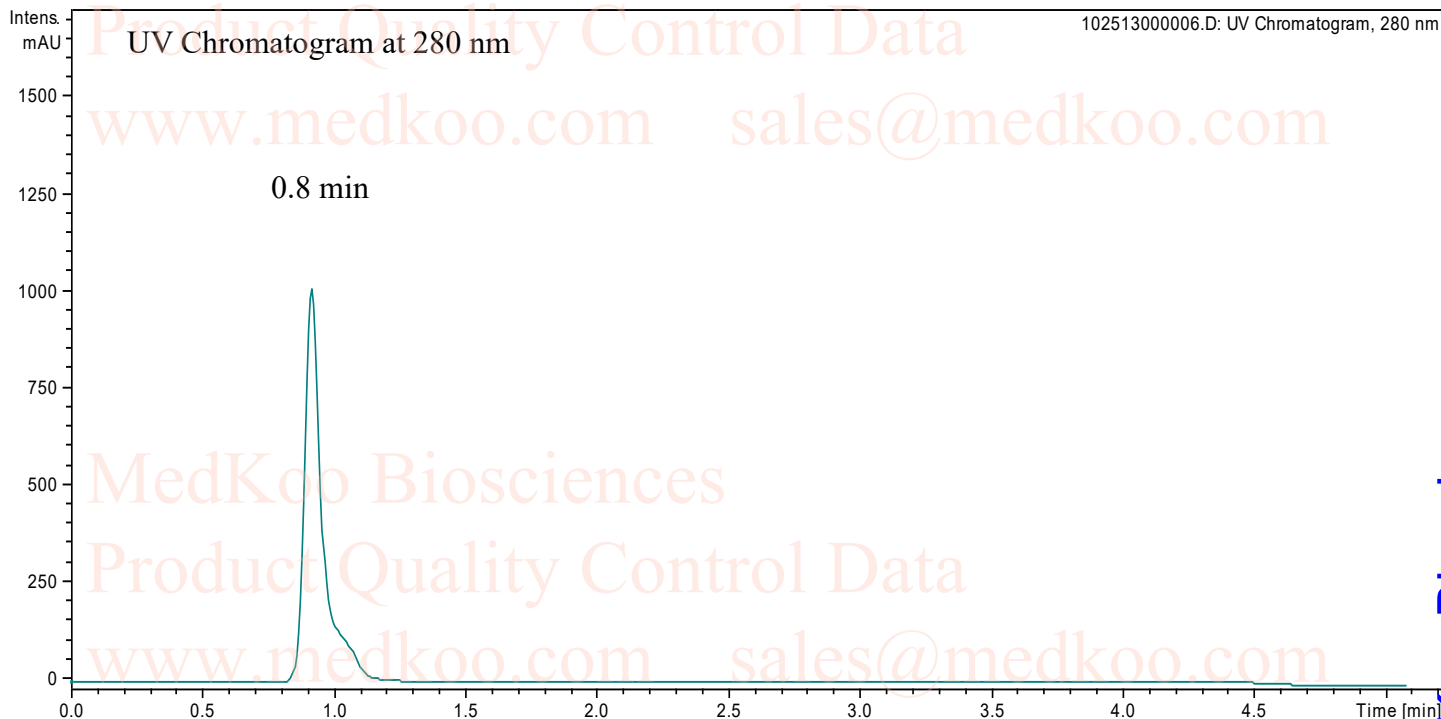


## LC-MS Analytical Report

MedKoo#	Product name	Lot#
100200	Cytarabine	EOS31014

- Instrument: Agilent LC/MS system (1100 HPLC and MSD Trap XCT Plus mass spectrometer with UV-Vis detector).
- HPLC condition:
  - Mobile phase A: H<sub>2</sub>O with 0.1% formic acid; Mobile phase B: ACN with 0.1% formic acid.
  - Flow rate: 0.25 ml/min.
  - Column: Phenomenex Gemini 3u C6-phenyl 110 A (100 × 2 mm).
  - Gradient: 0-1 min, 50% A; 5-8.5 min, 0% A.
- MS condition: Nebulizer, dry gas and dry temperature are 30 psi, 8L/min, and 350°C, respectively.

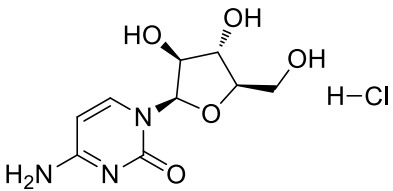
Sample preparation: Cytarabine hydrochloride (dissolved in 400 µl H<sub>2</sub>O):





## LC-MS Analytical Report

MedKoo#	Product name	Lot#
100200	Cytarabine	EOS31014

Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 100200 Name: Cytarabine hydrochloride CAS#: 69-74-9 Chemical Formula: C <sub>9</sub> H <sub>14</sub> CIN <sub>3</sub> O <sub>5</sub> Molecular Weight: 279.68 Cytarabine(free base) Chemical Formula: C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub> Exact Mass: 243.08552; Molecular Weight: 243.22

