

Report of Traceability and Uncertainty

Creation date: 2022/4/4

Manufacturer Name	ARKRAY Factory, Inc.
Item name	Osmotic pressure
Reagent name	None
Instrument name	OSMO STATION OM-6050
Manufacturer's product Calibrator (Product Calibrator)	Dedicated reagent standard solution for automatic osmotic pressure analyzer
Accuracy Control Substance (Product Control)	

	Reference Substance	Measurement Method	Stability	Uncertainty
First Standard Measurement Procedure				
First Calibrator				
Second Standard Measurement Procedure		Weighing		
Second Calibrator	JIS K 8005 Reference Substance NaCl for volumetric analysis		Up to expiry date	
Manufacturer's Standard Measurement Procedure		Calibrate JIS K 8005 NaCl prepared by ReCCS as a reference substance with Manufacturer's Standard Measurement Procedure (commercially available kit, etc.) in accordance with the Japanese Pharmacopoeia, 18th Edition to establish an assigned value of osmotic pressure		
Manufacturer's reference Substance	ReCCS prepares using JIS K 8005 NaCl in accordance with the Japanese Pharmacopoeia, 18th Edition		Up to expiry date	
Manufacturer's product Calibrator (Product Calibrator)	Dedicated reagent standard solution for automatic osmotic pressure analyzer		Up to expiry date	Assigned value +/- uncertainty 300±0.4 mOsm(*) 1000±7.1 mOsm(*)
Accuracy Control Substance (Product Control)				

* An uncertainty as K= 2