

ANALISA PERMINTAAN BARANG/JASA

SPB No : PF002118

Tanggal Pengajuan : 24 September 2026

No.	Deskripsi	Jumlah	Satuan	Analisa Kebutuhan	Due Date
1	pH meter pH meter SevenDirect SD20 HA Kit (30671556) - Benchtop instrument. Single channel (upgradable is preferred), pH measuring range 0-14 with 0,01 resolution. Sample temperature range 0 – 100 °C, with touchscreen display and easy to clean material housing - Minimum 2 level user with password protection. Memory capacity lo less than 2000 measurement data. Data transfer through USB and/or other method	1	Unit	Melakukan analisa pH pada sampel water system (PW, WFI, PSG). Ke depannya selain untuk sampel water system dapat juga digunakan untuk sampel bahan baku, IPC, produk jadi, serta persiapan media/buffer/reagen analisa	30 Oktober 2026
2	IQ and OQ service for pH meter IPac Standard Qualification Service should be included in pH meter purchase	1	Package	Memastikan performa dan spesifikasi pHmeter sesuai dengan kebutuhan farmasi dan standar CPOB	30 Oktober 2026
3	KAN calibration certification for pH meter Calibrate SCC Service should be included in pH meter purchase	1	Package	Memastikan akurasi pHmeter sesuai dengan standar CPOB	30 Oktober 2026
4	NIST traceable buffer pH 4, 250 ml Technical buffer pH 4.01 250mL Bottle (51350004) Reagent should be included in pH meter purchase	1	Bottle	Melakukan verifikasi akurasi pHmeter secara rutin sesuai dengan standar CPOB (3 titik, range 4-9)	30 Oktober 2026
5	NIST traceable buffer pH 7, 250 ml Technical buffer pH 7.00 250mL Bottle (51350006) Reagent should be included in pH meter purchase	1	Bottle	Melakukan verifikasi akurasi pHmeter secara rutin sesuai dengan standar CPOB (3 titik, range 4-9)	30 Oktober 2026
6	NIST traceable buffer pH 9, 250 ml Technical buffer pH 9.21 250mL Bottle (51350008) Reagent should be included in pH meter purchase	1	Bottle	Melakukan verifikasi akurasi pHmeter secara rutin sesuai dengan standar CPOB (3 titik, range 4-9)	30 Oktober 2026
7	Electrolyte KCl 3M 250 mL Bottle (51350072) This item should be included in pH meter purchase	1	Unit	Larutan untuk menyimpan sensor pH meter	30 Oktober 2026
8	Conductivity meter Cond meter SevenDirect SD30 Pure H2O Kit (30671563) Benchtop instrument, with single channel (upgradable is preferred), measured parameter: conductivity ($\mu\text{S}/\text{cm}$) and temperature ($^{\circ}\text{C}$). Temperature compensation feature shall be abled/disabled, instrument measurement range (0.001 $\mu\text{S}/\text{cm}$ – 2000 mS/cm), sample temperature range 0 - 100 oC, compatible with pharma water (including low conductivity range probe).	1	Unit	Melakukan analisa nilai conductivity pada sampel water system (PW, WFI, PSG). Ke depannya selain untuk sampel water system dapat juga digunakan untuk sampel buffer (IPC)	30 Oktober 2026

No.	Deskripsi	Jumlah	Satuan	Analisa Kebutuhan	Due Date
	- Minimum 2 user level management with password protection, minimum memory capacity 2000 measurement data, support data transfer to PC using USB and/or other method, with display touchscreen, display resolution 0,1 or less, with easy to clean material. - Include conductivity/temperature sensor for measurements of low conductivities (standard pharma water is NMT 1,3 $\mu\text{S}/\text{cm}$)				
9	IQ and OQ service for conductivity meter IPac Standard Qualification - Service should be included in conductivity meter purchase	1	Package	Memastikan performa dan spesifikasi conductivity meter sesuai dengan kebutuhan farmasi dan standar CPOB	30 Oktober 2026
10	KAN calibration certification for conductivity meter Calibrate SCC - Service should be included in conductivity meter purchase	1	Package	Memastikan akurasi conductivity meter sesuai dengan standar CPOB	30 Oktober 2026
11	NIST traceable conductivity standard 84 $\mu\text{S}/\text{cm}$, 250 ml Cond standard 84 $\mu\text{S}/\text{cm}$, 250 mL (51302153) - Reagent should be included in conductivity meter purchase	1	Bottle	Melakukan verifikasi akurasi conductivity meter secara rutin sesuai dengan standar CPOB	30 Oktober 2026
12	Dot printer matrix Lab equip acc data writer USB-P25/00 (30702998) - This item should be included in pH meter and conductivity meter purchase	2	Unit	Dokumentasi Analisa dengan alat pH meter dan Conductivity Meter	30 Oktober 2026

Dibuat oleh,



Diny Lucyanie

Diketahui oleh,



Elvina Fitrisia

Disetujui oleh,



Dyah Arum M.