

PRICE LIST of working group 6.11

(Excerpt from PTB Price List, valid as of 01.10.2021)

Starting on 1 October 2021, charges and further costs for services which are provided under private law will be invoiced by Physikalisch-Technische Bundesanstalt (PTB) according to the General Terms and Conditions of Business of PTB (AGBs) and PTB's currently valid Price List. (<https://www.ptb.de/cms/en/ptb/fachabteilungen/abt/z14/fees-and-charges.html>)
 For activity standards available from PTB the following fixed prices apply.

1	Issue of activity standards	Price per unit
1.1	Activity standards as solutions or point sources of the nuclides H-3, C-14, Na-22, Cl-36, Mn-54, Fe-55, Co-57, Co-60, Ni-63, Sr-90, Tc-99, I-131, Ba-133, Cs-134, Cs-137, Eu-152, Pb-210, Th-nat, Am-241, U-nat	1 020.00 €
1.2	Activity standards as solutions or point sources of the nuclides P-32, Cr-51, Co-56, Co-58, Fe-59, Zn-65, Sr-85, Y-88, Sr-89, Nb-93m, Cd-109, Sn-113, I-125, Sb-125, Ra-226	1 224.00 €
1.3	Activity standards as solutions or point sources of the nuclides P-33, S-35, Ca-45, Se-75, Ru-103, Ru-106, Ag-110m, I-129, Ce-139, Ce-141, Pm-147, Ir-192, Au-198, Hg-203, Tl-204, Bi-207, Th-228	1 581.00 €
1.4	Gaseous activity standards of nuclide Rn-222	
1.4.1	in a vessel made available by the client	1 071.00 €
1.4.2	in a vessel made available by PTB	1 377.00 €
2	Additional fee for special sources	
	The fees for some activity standards are rised due to supplementary production costs by the following amounts:	
2.1	Special fillings and special preparations	663.00 €
2.2	Area sources	408.00 €

3 Calibration of radioactive sources

3.1.1	Activity determination on an aqueous solution or point source of a gamma-ray emitting radionuclide with semiconductor spectrometers	918.00 €
3.1.2	Each additional radionuclide in an aqueous solution or point source	51.00 €
3.2	Activity determination on an aqueous solution of a gamma-ray emitting radionuclide with ionization chambers	969.00 €
3.3	Activity and impurity determination on an aqueous solution of a gamma-ray emitting radionuclide with ionization chambers and semiconductor spectrometers	1 683.00 €
3.4	Activity determination on an aqueous solution of a radionuclide with liquid scintillation counting	1020.00 €
3.5	Activity and impurity determination on an aqueous solution of a radionuclide with liquid scintillation counting and semiconductor spectrometers	1 836.00 €
3.6	Determination of the surface emission rate on an area source of an alpha or beta-emitting radionuclide	1 173.00 €
3.7	Determination of the surface emission rate and of the activity on an area source of radionuclide Am-241	1 683.00 €
3.7.1	Additional check of class 1 conformity according to DIN ISO 8769	1 581.00 €
3.8	Determination of the surface emission rate and of the activity on an area source of an beta-emitting radionuclide	3 264.00 €
3.8.1	Additional check of class 1 conformity according to DIN ISO 8769	1 581.00 €
3.9	Determination of the surface emission rate and activity of an area source of photon-emitting radionuclide	2 601.00 €
3.9.1	Additional check of class 1 conformity according to ISO8769	1 581.00 €

4 Additional expenditure of work for dispatch

4.1	Additional expenditure of work for dispatch in countries which do not belong to the European Union	408.00 €
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