14.　$y(x) - \displaystyle\int_a^x g(x)h(t)y(t)\,dt = f(x).$

Solution:

$$y(x) = f(x) + \int_a^x R(x,t)f(t)\,dt, \qquad \text{where} \quad R(x,t) = g(x)h(t)\exp\!\left[\int_t^x g(s)h(s)\,ds\right].$$

Reference

Polyanin, A. D. and Manzhirov, A. V., *Handbook of Integral Equations*, CRC Press, Boca Raton, 1998.