**Table 5 Composition of M17 and SAL media**

|  |  |
| --- | --- |
| **﻿Constituent** | **﻿Concentration in medium M17** |
| ascorbic acidlactosemagnesium sulfatemeat extractmeat peptone(peptic)sodium glycerophosphatesoya peptone(papainic)tryptoneyeast extract | 0.5g/L5g/L0.25g/L5g/L2.5g/L19g/L5g/L2.5g/L2.5g/L |
| **Constituent** | **Concentration in medium SA** |
| L-Alanine | 3.4 mM |
| L-ArginineL-AsparagineL-CysteineL-GlutamateL-GlutamineGlycineL-HistidineL-IsoleucineL-LeucineL-Lysine-HClL-MethionineL-PhenylalanineL-ProlineL-SerineL-ThreonineL-TryptophanL-TyrosineL-ValineNH4ClK2SO4KH2PO4Na-acetateMOPSTricineCaCl2MgCI2FeSO4NaClVitaminsa | 1.1 mM0.8 mM0.8 mM2.1 mM0.7 mM2.7 mM0.3 mM0.8 mM0.8 mM1.4 mM0.7 mM1.2 mM2.6 mM2.9 mM1.7 mM0.5 mM0.3 mM0.9 mM9.5 mM0.28 mM1.3 mM15 mM40 mM4 mM0.0005 mM0.52 mM0.01 mM50 mM+ |
| Micronutrientsb | + |

﻿aVitamins: 0.4 μM biotin, 10 μM pyridoxal-HCl, 2.3 μM folic acid, 2.6 μM riboflavin, 8 μM niacinamide, 3 μM thiamine-HCl, and 2 μM pantothenate.

bMicronutrients: 0.003 μM (NH4)6(MO7)24, 0.4 μM H3BO3, 0.03 μM CoCl2, 0.01 μM CuSO4, 0.08 μM MnCl2, and 0.01 μM ZnSO4.

SAL medium: SA medium with Na-Acetate replaced by 2mg/L Alpha-lipoic acid