```xml
<listOfDensityConstraints>
  <densityConstraint value="global_density">
    <listOfCompartmentReferences>
      <compartmentReference compartment="cytosol" coefficient="1">
      <compartmentReference compartment="membrane" coefficient="1">
    </listOfCompartmentReferences>
  </densityConstraint>
  <densityConstraint upperBound="cytosol_density">
    <listOfCompartmentReferences>
      <compartmentReference compartment="cytosol" coefficient="1">
    </listOfCompartmentReferences>
  </densityConstraint>
</listOfDensityConstraints>
```