

Change Notification

Date:	April, 2016
Material Description:	MCDB 131 w/o L-Glutamine
Catalog Number(s):	15-100-CV; 15-100-CVR
Change Description:	Formulation change

During product review, the current disodium tyrosine dihydrate concentration in 15-100, MCDB 131 was found to be 0.02252 g/L, corresponding to a molarity of 0.086 mM. The original literature describing the formulation for MCDB 131 in 1986 by Knedler and Ham includes tyrosine at 0.1 mM. The original formulation setup did not account for the raw material's waters of hydration.

In the interest of manufacturing products as accurately to the original as possible, the proposed change will bring the concentration of tyrosine in 15-100-CV/CVR, MCDB 131, to 0.1 mM as the original publication intended by changing the concentration of disodium tyrosine dihydrate to 0.026119 g/L.

Given the subtle magnitude of the change to the concentration of this essential amino acid, it will have no impact to the material's final specifications thus Mediatech guarantees material manufactured, tested, released, and distributed will continue to meet customer functionality expectations.

All productions of the aforementioned material SKUs with dates of manufacture beginning in May, 2016 will contain 0.026119 g/L of disodium tyrosine dihydrate.

For further information, contact Corning Scientific Support at 800-492-1110 or ScientificSupport@corning.com.