

Acetaminophen-cysteine

Art. ID TRC-A161255-10MG
Unit 10 mg
Deliverydetails No Dangerous Good

Description

Application Notes: Acetaminophen-cysteine is a metabolite of Acetaminophen (A161220) and a serum biomarker of acetaminophen exposure (1,2). Acetaminophen-cysteine can be used to identify acetaminophen-induced acute liver failure when standard testing is inconclusive. Acetaminophen is oxidized by cytochrome P450 to a reactive metabolite N-acetyl-p-benzoquinone imine (NAPQI), which can react with cysteine residues of hepatic proteins to yield Acetaminophen-cysteine (3).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Acetaminophen-cysteine	[64014-06-8]				