

# Analytical Hair Reference Materials Are Available to Forensic Testing Laboratories

Limited quantities of hair reference materials are available for purchase by forensic testing laboratories from the Center for Forensic Sciences at RTI International (RTI). Laboratories can benefit from four distinct hair reference materials that have been manufactured under strict quality control and validated for forensic use. These matrix-matched calibrators or quality controls will enhance the supportability of forensic data by allowing laboratories to include external reference materials with drugs of abuse at near cut-off/threshold concentrations in their analytical procedures.



The following reference materials, including a Certificate of Analysis, are available for purchase.

Reference Material	Drug	Concentration Range	Price/Quantity
RM-RTI-CFS-2407-THCA-1	THCA	0.25 ± 0.17 pg/mg	\$615/100 mg
RM-RTI-CFS-2407-MOR-2	Morphine	627 ± 320 pg/mg	\$615/100 mg
RM-RTI-CFS-2407-COC-3	Cocaine	2212 ± 672 pg/mg	\$615/100 mg
RM-RTI-CFS-2407-AMPS-4	<ul style="list-style-type: none"> <li>Amphetamine</li> <li>Methamphetamine</li> <li>Methylenedioxymethamphetamine (MDMA, Ecstasy)</li> <li>MethMethMetMMMethylenedioxymethamphetamine (MDMA, Ecstasy)</li> </ul>	<ul style="list-style-type: none"> <li>1352 ± 600 pg/mg</li> <li>1507 ± 473 pg/mg</li> <li>1294 ± 294 pg/mg</li> </ul>	\$725/100 mg

Note: All prices are listed in U.S. currency and do not include shipping and handling.

RTI has been producing urine performance testing materials for over 20 years. In 2000, RTI expanded its program to include alternate matrices such as hair and oral fluid. In 2007, as part of a research effort funded by the National Institute of Justice,\* RTI began producing reference materials for hair to be used by forensic laboratories as calibrators and controls for quality assurance and quality control measures.

\* NIJ Award No.: 2006-DN-BX-K012

## More Information

Jeri D. Roper Miller, PhD, DABFT  
Center for Forensic Sciences

PHONE: 919.485.5685  
E-MAIL: jerimiller@rti.org

RTI International  
3040 Cornwallis Road, PO Box 12194  
Research Triangle Park, NC 27709-2194 USA

RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 2,800 provides research and technical expertise to governments and businesses in more than 40 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory and chemistry services. For more information, visit [www.rti.org](http://www.rti.org).

RTI International is a trade name of Research Triangle Institute.