

# Isotec Reference Standards

## NMR REFERENCE STANDARDS

CAT NO	PRODUCT DESCRIPTION	APPLICATION
T82-00103	1% Chloroform in Acetone-d <sub>6</sub> (99.9%)	<sup>1</sup> H Line Shape
T82-00114	5% Chloroform in Acetone-d <sub>6</sub> (99.9%)	<sup>1</sup> H Line Shape
T82-00100	1% 1,2-Dichlorobenzene in Acetone-d <sub>6</sub> (99.9%)	<sup>1</sup> H Resolution
T82-00093	0.1% Ethylbenzene, 0.01% TMS in Chloroform-d(99.8%)	<sup>1</sup> H Sensitivity
T82-00147	0.1mg/ml GdCl <sub>3</sub> , 0.1% DSS, 1% H <sub>2</sub> O in D <sub>2</sub> O(99.9%)	Autotest, PW90, PFG
T82-00102	0.0485M Triphenylphosphate in Chloroform-d(99.8%)	<sup>31</sup> P Sensitivity
T82-00101	0.05% Trifluorotoluene in Benzene-d <sub>6</sub> (99.6%)	<sup>19</sup> F Sensitivity
T82-00148	40% p-Dioxane in Benzene-d <sub>6</sub> (99.6%)	<sup>13</sup> C Sensitivity/ Resolution
T82-00154	40% p-Dioxane, 5mg/ml Cr(acac) <sub>3</sub> in Benzene-d <sub>6</sub> (99.6%)	<sup>13</sup> C PW90/Sensitivity
T82-09911	1% 3-Heptanone in Chloroform-d(99.8%)	<sup>1</sup> H App Test
T80-00007	12% TMS in Chloroform	Lineshape
T82-09912	30% Menthol in Chloroform-d(99.8%)	APT & DEPT Demonstration
T82-09913	90% Formamide in DMSO-d <sub>6</sub> (99.9%)	<sup>15</sup> N Sensitivity

All NMR Reference Standards listed above are packaged in 5mm x 8" tubes.  
ISOTEC NMR Reference Standards are also available in 3mm, 8mm, and 10mm tubes.

## NANO PROBE REFERENCE STANDARDS

CAT NO.	PRODUCT DESCRIPTION	APPLICATION
T82-00142	0.1% Ethylbenzene, 0.01% TMS in Chloroform-d(99.8%)	<sup>1</sup> H Sensitivity
T82-00143	0.1mg/ml GdCl <sub>3</sub> in D <sub>2</sub> O(99.9%)	<sup>1</sup> H PW90, PFG
T82-00144	40% p-Dioxane, 5mg/ml Cr(acac) <sub>3</sub> in Benzene-d <sub>6</sub> (99.6%)	<sup>13</sup> C PW90
T82-00141	40% p-Dioxane in Benzene-d <sub>6</sub> (99.6%)	<sup>13</sup> C Sensitivity/Resolution
T81-00029	0.2% Cr(acac) <sub>3</sub> , 2% Benzamide- <sup>15</sup> N(98%) in DMSO-d <sub>6</sub> "100%"(99.96%)	<sup>15</sup> N Sensitivity
T81-00028	1% <sup>13</sup> CH <sub>3</sub> I(99%)/1% Trimethylphosphite, 0.2% Cr(acac) <sub>3</sub> in CDCl <sub>3</sub> (99.8%)	<sup>31</sup> P Sensitivity
T82-00145	5% Chloroform in Acetone-d <sub>6</sub> (99.9%)	<sup>1</sup> H Lineshape

All Nano Probe Reference Standards listed above are packaged in 4mm nano tubes.

Please Request Price.

# ISOTEC

A MEMBER OF THE SIGMA-ALDRICH FAMILY

We are Committed to the Success of our Customers, Employees and Shareholders  
through Leadership in Life Sciences, High Technology and Service.