

OYSTER CREEK NUCLEAR GENERATING STATION CHEMISTRY DEPARTMENT

Detector Name : DET02
Report Generated On : 5/7/09 8:29:42 PM
Original Data File Name : C:\PCNT2K\CAMFILES\500MLBOT\102571.CNF
Sample Title : 500-mL Bottle
Sample Description : CSTG
Sample ID : tn
Sample Type : 1
Sample Geometry : 500-mL Bottle
Locate Threshold : 3.00
Locate Range (in channels) : 1 - 4096
Area Range (in channels) : 100 - 4096
Identification Energy Tolerance : 1.000 keV
Sample Size : 500.00 mL
Sample Taken On : 5/7/09 6:00:00 PM
Acquisition Started : 5/7/09 8:13:01 PM
Acquisition Time : 1.33E+002 Minutes
Live Time : 1000.0 Seconds
Dead Time : 1000.1 Seconds
Efficiency Time : 0.01 %

<MDA ^{gamma} ~~X~~ III H₂O IN CST TANK
TAK
5/8/09

Energy Calibration Used Done On : 3/21/08
Efficiency Calibration Used Done On : 8/3/06

136

Peak analysis results available to perform background subtraction.

 ** N U C L I D E I D E N T I F I C A T I O N R E P O R T **

Sample Title: 500-mL Bottle
 Nuclide Library Used: C:\GENIE2K\CAMFILES\ANL002.NLB

..... IDENTIFIED NUCLIDES

Nuclide Name	Id Confidence	Energy (keV)	Yield (%)	Activity (uCi/mL)	Activity Uncertainty
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* = Energy line found in the spectrum.
 @ = Energy line not used for Weighted Mean Activity
 Energy Tolerance : 1.000 keV
 Nuclide confidence index threshold = 0.30
 Errors quoted at 1.000 sigma

 * INTERFERENCE CORRECTED REPORT *

Nuclide Name	Nuclide Id Confidence	Wt mean Activity (uCi/mL)	Wt mean Activity Uncertainty
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Total Activity 0.00E+000

- ? = nuclide is part of an undetermined solution
- X = nuclide rejected by the interference analysis
- @ = nuclide contains energy lines not used in Weighted Mean Activity

Errors quoted at 1.000 sigma

Weak search results available for nuclide analysis.