



CERTIFIED WEIGHT REPORT

Part Number: **79079**Lot Number: **090226**Description: **RDX**Solvent(s): **Lot#**

Acetonitrile 23499 (50%)

Methanol EJ980-US (50%)

Expiration Date: 090231

Recommended Storage: Freezer (-25°C to -10°C)

Nominal Concentration (µg/mL): 1000

NIST Test ID#: 6UTB

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 25.0 0.006 Flask Uncertainty

		090226
Formulated By:	Mario Luis	DATE
		090226
Reviewed By:	Pedro L. Rentas	DATE

SDS Information

(Solvent Safety Info. On Attached pg.)

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. RDX	1429	226031538	1000	99.2	0.2	0.02523	0.02511	995.0	23.9	121-82-4	N/A	N/A

mAU

• The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
 • Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
 • Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
 • All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
 • Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).
 Rev 1.0, 2/25/2025

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