

Carbon-14 Pre-cursors for Manufacture of Labelled Compounds

Product Availability

Compound	Formula	Specific Activity (mCi/mmol)	Radio-chemical Purity	Form	Package	Storage
Sodium Bicarbonate	NaHCO ₃	55 - 60	≥ 97	Solid	Crimp seal vial	< -20°C
				Aqueous soln.	Crimp seal vial	2 – 5°C
Potassium Cyanide	KCN	55 - 60	≥ 97	Solid	Crimp seal vial	< -20°C
Sodium Cyanide	NaCN	55 - 60	≥ 97	Solid	Crimp seal vial	< -20°C
Zinc Cyanide	Zn(CN) ₂	100 - 120	≥ 97	Solid	Crimp seal vial	< -20°C
Cuprous Cyanide	CuCN	55 - 60	≥ 95	Solid	Crimp seal vial	< -20°C
Barium Cyanamide	BaCN ₂	55 - 60	≥ 97	Solid	Crimp seal vial	< -20°C
Methanol	CH ₃ OH	55 - 60	≥ 97	Liquid	Break seal glass vial	< -80°C
Benzene	C ₆ H ₆	50 – 150 as ordered	≥ 97	Liquid	Break seal glass vial	< -20°C
Bromobenzene	C ₆ H ₅ Br	50 – 150 as ordered	≥ 97	Liquid	Break seal glass vial	< -20°C
Aniline hydrochloride	C ₆ H ₅ NH ₂ -HCl	50 – 150 as ordered	≥ 97	Solid	Crimp seal vial	< -20°C
Carbon dioxide	CO ₂	55 - 60	≥ 97	Gas on molecular sieve	Molecular sieve trap with Bellow valve and VCR fitting	ambient
Urea	H ₂ NCONH ₂	55 – 60	≥ 98	Solid	Crimp seal vial	< -20°C
				Aqueous soln.		2 – 5°C
				Ethanol soln.		< -20°C

Country of Origin

Product is manufactured and supplied from the Research Institute of Nuclear Materials (INM-JSC), P.O. Box 29, Zarechny, Sverdlovsk Region, Russia, 62450

Ordering Process

Product is supplied in pack size of 1 curie nominal activity. To order, specify compound, form (if applicable) and quantity.

Contact

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