Template Provided By:

Cancer Imaging Program

National Cancer Institute

Reagent/Supply Specification Sheet

(Refer to GEN-M001)

Reagent/Supply: **Kryptofix® [2.2.2]**
(4,7,13,16,21,24,-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane)

Storage Conditions: Room Temperature
(if applicable)

Internal Tracking Code: SS-KRY

MSDS On File? Y N N/A
(circle one)

Suppliers:

Vendor	Address	Telephone Number	MSDS Available	Vendor Designation (If Needed)
Sigma-Aldrich	**P.O. Box 2060 Milwaukee, WI 53201**	1-800-558-9160 (Fax) 1-800-962-9591	Yes	A
EMD	**VWR International 1310 Goshen Parkway West Chester, PA 19380**	1-800-932-5000	Yes	B
ROTEM Industries LTD.	**Rotem Industrial Park PO Box 9046 Beer Sheva, Israel 84190**	972-8-6555980 (Fax) 972-8-6572701	Yes	C

Ordering Information:

Vendor	Catalog Number	Description	Size/Units	Bulk Quantities	Certificate of Analysis Available
Sigma-Aldrich	**29,111-0**	98% Purity [23978-09-8]	250 mg, 1 g	N/A	Yes
EMD	**KX0043-1**	> 99%	1 g	N/A	Yes
ROTEM	**KF1000**	Cryptand 222, (Kryptofix)	1 g	N/A	Yes

Internal Specifications: For all non-USP reagents, the certificate of analysis will be compared with the listed internal specifications to ensure that the manufacturers are still testing the product consistently and utilizing the same standards to determine quality, purity, and identity of the reagents.

Parameter	Test Methodology	Specification
Appearance	**Visual Inspection**	White to Off-White Crystals or Powder
Identity	**Infrared Spectrum**	Conforms to Structure
Purity	**Titration with $HClO_4$ or GC**	97.5% - 102.5%
Characterization	**Melting Point**	68.9 - 73°C
Identity Check	**GEN-Q118 or GEN-118A**	Passes Test

Regulatory Affairs Approval: _____ **Date:** _____
Signature

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