



December 14, 2020

US Nuclear Regulatory Commission, Region III  
 Division of Nuclear Materials Safety  
 Attn: Medical and Licensing Assistance Branch  
 2443 Warrenville Road, Suite 210  
 Lisle, IL 60532-4352

Subject: RAM License Amendment, License # 24-32762-01MD

Dear Mr. Tran,

Essential Isotopes is requesting an amendment to the license referenced above to add additional isotopes and increase existing possession limits. The changes/additions are outlined below. These changes are requested in order to support one of our customers as their research and development program grows.

Radioisotope	Form	Quantity	Purpose of Use
Any byproduct material with Atomic Numbers 1 through 83 with Exceptions	Any	500 millicuries per radionuclide and 2 curies total	For preparation and distribution of radioactive drugs and radiochemicals for medical use in accordance with 10 CFR 32.72 and for non-medical use to authorized recipients
Copper-64	Any	5 curies total	Same as Subitem No. 9.A
Rhenium-186	Any	10 curies total	Same as Subitem No. 9.A
Lutetium-177	Any	10 curies total	Same as Subitem No. 9.A
Any byproduct material permitted in 10 CFR 35.400	Sealed Sources	1 curie total	For redistribution of sealed sources initially distributed by a manufacturer licensed pursuant to 10 CFR 32.74. For redistribution of sealed sources that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive , possess and use the authorized device.
Any byproduct material permitted by 10 CFR 35.500	Sealed Sources	5 curies total	Same as Subitem No. 9.G.

In addition, we need to remove two current authorized users, Jon Woodward, RPh and Scott Brower RPh, as they are no longer employed by our network.

If you have any questions regarding the request, please do not hesitate to contact me at 541.517.6984 or [jcomstock@radiopharmacy.com](mailto:jcomstock@radiopharmacy.com).

Sincerely,

A handwritten signature in black ink that reads "Jessica J Comstock". The signature is written in a cursive, flowing style.

Jessica Comstock, PharmD, BCNP  
Director of Quality and Regulatory  
Pharmalogic Holdings Corp.  
[jcomstock@radiopharmacy.com](mailto:jcomstock@radiopharmacy.com)

## Song, Taehoon

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**From:** Tomczak, Tammy  
**Sent:** Monday, December 14, 2020 7:24 AM  
**To:** Song, Taehoon; Pavon, Sandy  
**Subject:** FW: Essential Isotopes RAM License 24-32762-01MD Amendment Request  
**Attachments:** EI Amendment 12.14.2020\_signed.pdf

Good morning, Tae and Sandy,

Can you please add the attached to ADAMS?

Thank you!!!!  
Tammy

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**From:** Tran, Frank <Frank.Tran@nrc.gov>  
**Sent:** Monday, December 14, 2020 7:15 AM  
**To:** Tomczak, Tammy <Tammy.Tomczak@nrc.gov>  
**Cc:** Orlikowski, Robert <Robert.Orlikowski@nrc.gov>  
**Subject:** FW: Essential Isotopes RAM License 24-32762-01MD Amendment Request

Hi Tammy,

Please process the attachment for an amendment request.

Thank you,  
Frank

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**From:** Jessica Comstock <[jcomstock@radiopharmacy.com](mailto:jcomstock@radiopharmacy.com)>  
**Sent:** Friday, December 11, 2020 11:24 PM  
**To:** Tran, Frank <[Frank.Tran@nrc.gov](mailto:Frank.Tran@nrc.gov)>; Nick Roberts <[nroberts@radiopharmacy.com](mailto:nroberts@radiopharmacy.com)>  
**Cc:** Gerard Strugala <[gstrugala@radiopharmacy.com](mailto:gstrugala@radiopharmacy.com)>  
**Subject:** [External\_Sender] Essential Isotopes RAM License 24-32762-01MD Amendment Request

Hi Frank,

I hope you are doing well and are having a great holiday season. I have attached an amendment request to add isotopes and change possession limits based on customer needs. I also used this opportunity to clean up our authorized user list.

Please let me know if you have any questions.

Jessica Comstock, PharmD, BCNP  
Director of Quality and Regulatory  
PharmaLogic Holdings Corp  
[jcomstock@radiopharmacy.com](mailto:jcomstock@radiopharmacy.com)