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## CERTIFICATE OF ANALYSIS

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Product:	Article number(s):
WorkBeads™ NiMAC	40 653 001
	40 653 003
Lot number: 600366-3044-024Ni	40 653 010
	40 653 050
Storage solution:	20% ethanol

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	Measured Value	Specification
Metal binding capacity before charging with Ni <sup>2+</sup> :*	110 µmol Cu <sup>2+</sup> /ml	>60 µmol Cu <sup>2+</sup> /ml
Average particle size, Dv50:	54 µm	32-60 µm
Flow stability: (linear flow rate in a 10 x 300 mm column)**	≥10 cm/min	≥10 cm/min

\* From supplier's Certificate of Analysis.

\*\* Property measured on base matrix.

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Release date (year-month-day): 2025-08-27

Expiry date (year-month): 2028-03

Manufacturing date (year-month): 2025-07

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This product is manufactured in compliance with our ISO 9001:2015 certified quality system.  
Country of origin is Sweden.

Issued (year-month-day): 2025-08-27

By Markus Norén

DocuSigned by:

*Markus Norén*

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Quality Assurance

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