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SUS Nell GmbH

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Approximate composition of R N 19 / 234, steel, low alloy
Sample size approx. 40 mm dia. x 40mm thickness

Composition :
Description in %

Carbon	0.9	Zinc	0.02
Silicon	1.1	Niobium	<0.42
Manganese	1.0	Lead	0.02
Phosphor	0.10	Tin	0.1
Sulphur	0.07	Titanium	0.2
Chromium	2.9	Vanadium	0.5
Molybdenum	1.0	Tungsten	0.4
Nickel	3.0	Zirconium	0.07
Aluminium	0.4	Antimony	0.07
Arsenic	0.053	Tantalum	0.2
Boron	0.007	Tellurium	0.05
Cobalt	>0.720	Bismuth	0.017
Copper	0.7	Nitrogen	~0.02

Intended use : routine drift correction for Spark-OES and XRF spectrometers
Produced by *SUS* Nell GmbH

The sample was produced by powder metallurgy

Notes:

- **This sample should be used only for checking and correcting the drift of spectrometers**
- **The concentration values presented are not certified as accurate, as this setting-up sample is not a reference material to be used for calibration**
- **The material has been checked for homogeneity and is suitable for Spark-OES spectrometers**

Oberhausen, August 2025