

SAP Code: 400012271; 400013481; 400012521

Batch Number: MAR110707

Manufacturing Date: 2011/07/07

[Pd(NH₃)₄]Cl₂
Palladium(II)
dichlorotetrammine

CHEMICAL/PHYSICAL CHARACTERISTICS

Chemical name	Tetraamminepalladium(2+) dichloride
Chemical formula	[Pd(NH ₃) ₄]Cl ₂
Metal content	43.4%
CAS number	13815-17-3
Solubility (water at 20 °C)	>100 g Pd/l

CHEMICAL ANALYSIS

Element	Unit	Specification	Result
Pd	%	≥40.50	41.40
Appearance			

IMPURITIES in mg/kg salt

Element	Specification	Result
Ag	≤20	<0.15
Au	≤10	1.6
Ir	≤30	<2.8
Os		nt
Pt	≤30	<0.87
Rh	≤30	<0.1
Ru	≤30	<0.65
Al	≤10	<0.13
As		nt
B	≤5	0.3
Be		nt
Bi		nt
Ca	≤10	1.8
Cd	≤5	<0.1

Element	Specification	Result
K	≤10	0.5
Li		nt
Mg	≤10	0.10
Mn	≤5	<0.1
Mo	≤5	<0.25
Na	≤10	0.7
Ni	≤5	<0.2
P		nt
Pb	≤5	<0.3
Sb	≤10	0.5
Se		nt
Si	≤50	1.9
Sn	≤20	1.0
Te		nt
Ti	≤5	<0.1

Co		<0.35
Cr	≤5	<0.1
Cu	≤5	0.10
Fe	≤20	<0.5
In	≤5	<0.3

Ti		nt
W		<0.9
Zn	≤5	<0.2
Zr	≤5	<0.12

Lot tested and conform to specification.

Metalor Technologies SA, Marin is certified ISO 9001:2008 and 14001:2004 by SQS (CH)

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