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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

Ammonium-D4 Chloride, 98+ Atom % D

CAS 12015-14-4 · Fine chemical grade — assay on specification

1. PRODUCT IDENTITY

Product name	Ammonium-D4 Chloride, 98+ Atom % D
C.A.S. number	12015-14-4
Grade / standard	Fine chemical grade — assay on specification
Description	Clear colorless liquid
Product group	Deuterated NMR Solvents
Category	Laboratory & Analytical Reagents
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Clear colorless liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Purity (by GC)	Not less than 99.5 % (area)	99.62	Gas Chromatography
4	Colour (APHA / Pt-Co)	Not more than 10	3	ASTM D1209
5	Water Content	Not more than 0.05 % w/w	0.0081	Karl Fischer titration
6	Acidity (as acetic acid)	Not more than 0.002 % w/w	0.0006	Titrimetry

7	Residue on Evaporation	Not more than 0.001 % w/w	0.0003	Gravimetry
8	Specific Gravity at 25 °C	As per specification	Conforms	Pycnometry / ASTM D4052
9	Refractive Index at 20 °C	As per specification	Conforms	Refractometry / ASTM D1218

3. DECLARATION

This document sets out the standard specification for Ammonium-D4 Chloride, 98+ Atom % D and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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