

Technical Information

Adenine Plant Culture Tested

Product Code: PCT1842

Product Information

Product Code	: PCT1842
Product Name	: Adenine, Plant Culture Tested
Synonyms	: (6-Aminopurine; Vitamin B4)
Molecular Formula	: C ₅ H ₅ N ₅
Molecular Weight	: 135.13
CAS No.	: 73-24-5

Technical Specification

Appearance	: White to off-white crystalline powder.
Solubility	: 1% solution in dil. HCl is clear and colourless.
Minimum Assay (Non-aqueous by potentiometric, w.r.to dried sub.)	: 99.00%
Identification	: Conforms.
Nitrogen content (on driedsub.)	: 50.2 – 53.4%
Loss on drying (at 110°C, 4 hours)	: <= 1.0%
Sulphated ash	: <= 0.1%
Ammonium (NH ₄)	: <= 0.001%
Chloride (Cl)	: <= 0.01%
Sulphate (SO ₄)	: <= 0.03%
Heavy metal (as Pb)	: <= 0.001%
Acidity/alkalinity	: Passes test.
Organic volatile impurities	: Meets the requirement.
Organic impurities	: Passes test.
Related substances	: Passes test.
Plant Culture Tested	: Passes test.

GHS Safety information

Hazard Statement(s)	: H301
Precautionary Statement (s)	: P301+P310
Signal Word	: Danger
Hazard Pictogram(s)	



GHS06

Risk And Safety Information

Phrase(s)	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

UN No.	: 2811
Class	: 6.1
Packaging Group	: 3
ADR/RID	: 2811 6.1/PG 3
IMDG	: 2811 6.1/PG 3
IATA	: 2811 6.1/PG 3



Plant Culture
Tested



Product Specification

cdhfinechemical.com

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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