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CERTIFICATE OF ANALYSIS

Analysis Date:

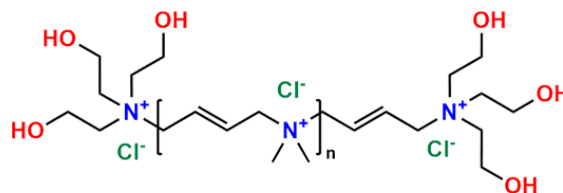
Re-test Date:

Product Name: Polyquaternium 1

Identification:

Chemical Name: α -[4-[Tris(2-hydroxyethyl)ammonio]-2-buten-1-yl]- ω -[tris(2-hydroxyethyl)ammonio]poly[(dimethyliminio)-2-butene-1,4-diyl Chloride] Chloride

Synonyms : Polidronium Chloride; Polyquad
CAS Number : 75345-27-6
CAT Number : CP-CS0383
Molecular Formula : $(C_6H_{12}ClN)_n C_{16}H_{36}Cl_2N_2O_6$
Molecular Weight : NA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.